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SEARCH REQUEST FORM

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Title of Invention: Maintaining confidentiality of personal information during commerce transactions

Inventors (please provide full names): Michael Brown, Rabindranath Dutta

Earliest Priority Filing Date: 03/27/00

***For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.**

See attached claims

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PTO-1590 (1-2000)

PAT-NO: JP02000036000A

DOCUMENT-IDENTIFIER: JP 2000036000 A

TITLE: NEUTRAL OBSERVER IN ELECTRONIC COMMERCIAL TRANSACTION

PUBN-DATE: February 2, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
LIPKIN, EFREM	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
SUN MICROSYST INC	N/A

APPL-NO: JP11176128

APPL-DATE: June 22, 1999

INT-CL (IPC): G06F019/00

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a method which allows a neutral observer to store the details of electronic commercial transaction by including a process which aims at fetching and provides recorded communication, etc., and making either of 1st and 2nd parties use a small client technology.

SOLUTION: 1st and 2nd parties 500 and 502 are illustratively and respectively a client and a server. The N-th party 504 represents a server and probably the server is a server where a user maintains account with which electronic transaction is performed. A neutral observer 100 is connected to communication links 510, 512 and 514 so that the observer 100 can exist within communication paths that connect the parties. And, the transaction parties offer a transaction identifier to the neutral observer. Thus, the neutral observer can identify all of the parties of transaction, automatically extract related transaction details according to a specified protocol and store them.

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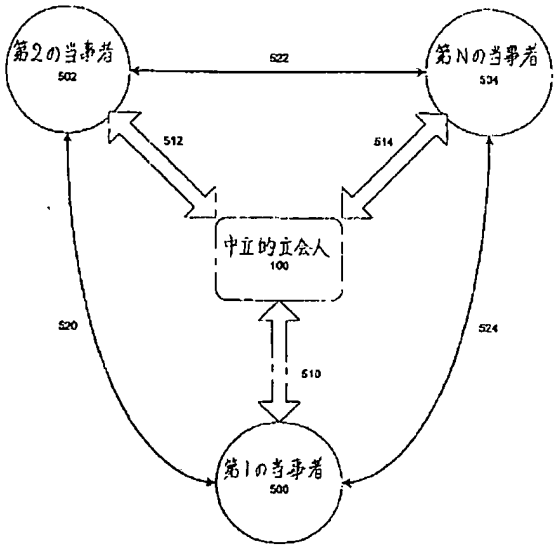
(54)【発明の名称】　電子商取引における中立的立会人

(57)【要約】
【課題】　電子商取引の詳細を中立的立会人により保存する方法を提供する。
【解決手段】　第１の当事者および第２の当事者を含む電子取引の詳細を保存する方法であって、第１の当事者と第３の当事者との間における第１の接続を確立する工程と、第２の当事者と第３の当事者との間における第２の接続を確立する工程と、第３の当事者における、第１の当事者および第２の当事者のうちの一方からの取引の詳細に関する通信を受け取る工程と、第１の当事者および第２の当事者の同意に基づく、第３の当事者を介しての通信を記録する工程と、取出を目的とした、記録された通信を提供する工程とを含み第１の当事者および第２の当事者のうちの一方が、小クライアント技術を用いる方法。



1

【特許請求の範囲】
【請求項1】　第1の当事者および第2の当事者を含む電子取引の詳細を保存する方法であって、
該第1の当事者と第3の当事者との間における第1の接続を確立する工程と、
該第2の当事者と該第3の当事者との間における第2の接続を確立する工程と、
該第3の当事者における、該第1の当事者および該第2の当事者のうちの一方からの該取引の詳細に関する通信を受け取る工程と、
該第1の当事者および該第2の当事者の同意に基づく、該第3の当事者を介しての該通信を記録する工程と、
取出を目的とした、該記録された通信を提供する工程と、
を含み、
該第1の当事者および該第2の当事者のうちの一方が、小クライアント技術を用いる、
方法。
【請求項2】　前記取引に対する、信用性のある立会人としての前記第3の当事者を選択する工程を更に含む、請求項1に記載の方法。
【請求項3】　前記選択する工程が、前記取引の前における、信用性のある立会人としての前記第3の当事者について合意する工程を含む、請求項2に記載の方法。
【請求項4】　前記第1の当事者および前記第3の当事者のうち一方が小クライアント技術を用いる、請求項1に記載の方法。
【請求項5】　前記通信の取り出す工程と、
該通信を用いた前記詳細を提供する工程と、
を更に含む、請求項1に記載の方法。
【請求項6】　前記詳細を提供する工程が、
前記第3の当事者から、前記第1の当事者および前記第2の当事者のうちの一方へ前記通信を送信する工程を含む、
請求項5に記載の方法。
【請求項7】　前記詳細を提供する工程が、
前記第3の当事者における、前記第1の当事者または前記第2の当事者の一方からの、前記通信の申し立てられたコピーを受け取る工程と、
該申し立てられたコピーの正確さを検証する工程と、
を含む、請求項5に記載の方法。
【請求項8】　前記第1の当事者を認証する工程を更に含む、請求項1に記載の方法。
【請求項9】　前記第1の当事者と前記第3の当事者との間における第1の接続を確立する工程が、該第1の当事者と該第3の当事者との間における安全な通信リンクを確立する工程を含む、請求項1に記載の方法。
【請求項10】　前記通信リンクが、該通信リンクをわたる通信内における任意の変更の検出を容易にするプロトコルを介して、その安全を確保される、請求項9に記載の方法。

2

【請求項11】　通信を受け取る工程が、前記取引の一部を証明する、通信のメッセージダイジェストを受け取る工程を含む、請求項1に記載の方法。
【請求項12】　前記メッセージダイジェストが、前記通信に対して行われるハッシュ機能の結果であるハッシュ値を含む、請求項11に記載の方法。
【請求項13】　前記メッセージダイジェストが、前記通信に対して行われる検査合計動作の結果である検査合計を含む、請求項11に記載の方法。
【請求項14】　前記第3の当事者を介する、前記通信を記録する工程が、該通信を指標化する工程と、
該通信をデータベースに記憶する工程と、
を含む、請求項1に記載の方法。
【請求項15】　前記第3の当事者における、前記第1の当事者からの第1の取引識別子を受け取る工程と、
前記第3の当事者における、前記第2の当事者からの第2の取引識別子を受け取る工程と、
を更に含む、請求項1に記載の方法。
【請求項16】　前記第3の当事者における、前記第1の取引識別子と前記第2の取引識別子とを適合させる工程を更に含む、請求項15に記載の方法。
【請求項17】　電子取引に立ち会う方法であって、
第1の取引当事者へ接続する工程と、
第2の取引当事者へ接続する工程と、
該第1の当事者と該第2の当事者との間における通信を中継する工程と、
該第1の当事者と該第2の当事者との間でやり取りされた、該取引の1つ以上の条件を含むメッセージを受諾する工程と、
該1つ以上の条件を記録する工程と、
を含む、方法。
【請求項18】　前記受諾する工程が、
前記第1の当事者と前記第2の当事者との間における、前記取引を行うためのプロトコルに一貫する通信を受け取る工程と、
該通信に含まれる該取引の1つ以上の条件を、該プロトコルに従って識別する工程と、
を含む、請求項17に記載の方法。
【請求項19】　前記記録する工程が、
前記メッセージを指標化する工程と、
該メッセージをデータベースに記憶する工程と、
を含む、請求項17に記載の方法。
【請求項20】　前記第1の当事者および前記第2の当事者のうちの一方が、小クライアント技術を用いる、請求項17に記載の方法。
【請求項21】　多数の当事者が関与する電子取引に立ち会う方法であって、
第1の当事者からの該取引の、立ち会いの要求を受け取る工程と、

該第１の当事者を認証する工程と、
該第１の当事者からの第１の取引識別子の受け取る工程と、
第２の当事者からの接続を受け取る工程と、
該第２の当事者からの第２の取引識別子を受け取る工程と、
該取引の該当事者を識別するために、該第１の取引識別子と該第２の取引識別子を比較する工程と、
取引詳細を受け取る工程と、
該取引詳細を記録する工程と、
を含む、方法。

【請求項２２】　前記取引詳細を受け取る工程が、前記第１の当事者と前記第２の当事者との間で交換された、前記取引の詳細を含む通信についてのメッセージダイジェストを受け取る工程を含む、請求項２１に記載の方法。

【請求項２３】　前記取引詳細を記録する工程が、
前記メッセージダイジェストを指標化する工程と、
該メッセージダイジェストをデータベースへ記憶する工程と、
を含む、請求項２２に記載の方法。

【請求項２４】　前記メッセージダイジェストが前記通信の要旨である、請求項２２に記載の方法。

【請求項２５】　前記メッセージダイジェストが、前記通信に対して行われたハッシュ機能の結果であるハッシュ値を含む、請求項２２に記載の方法。

【請求項２６】　前記メッセージダイジェストが検査合計を含む、請求項２２に記載の方法。

【請求項２７】　取引詳細を受け取る工程が、前記第１の当事者または前記第２の当事者のうちの一方からの、前記取引の１つ以上の詳細または条件を含む通信を受け取る工程を含む、請求項２１に記載の方法。

【請求項２８】　前記取引詳細を記録する工程が、
前記通信を指標化する工程と、
該通信をデータベースへ記憶する工程と、
を含む、請求項２７に記載の方法。

【請求項２９】　前記通信が、前記第１の当事者、前記第２の当事者、前記取引の時間、および該取引の日付から成る群のうちの１つ以上の要素によって指標化される、請求項２８に記載の方法。

【請求項３０】　前記第１の当事者および前記第２の当事者のうちの一方が小クライアント技術を用いる、請求項２１に記載の方法。

【請求項３１】　電子取引の詳細を記録するための方法を、コンピュータによって実行される場合に実施する命令を記憶する、コンピュータ読み取り可能記憶媒体であって、該方法が、
第１の当事者との第１の接続を確立する工程と、
第２の当事者との第２の接続を確立する工程と、
該第１の当事者および第２の当事者のうちの一方からの、該取引の詳細に関する通信を受け取る工程と、
該通信を記録する工程と、
該第１の当事者および該第２の当事者のうちの一方による取出を目的とした、該記録された通信を提供する工程と、を含み該記録された通信が、該第１の当事者および該第２の当事者の同意に基づいて記録される、
コンピュータ読み取り可能記憶媒体。

【請求項３２】　多数のエンティティを伴う取引を、後の検証のために保存する装置であって、
該多数のエンティティのそれぞれと通信するコンピュータシステムと、
該コンピュータシステム内における、該多数のエンティティのうちの１つを認証する、認証機構と、
該コンピュータシステム内における、該複数のエンティティのうちの該１つから該取引に関する通信を受け取る、受取機構と、
該コンピュータシステム内における、該通信を記憶する、記憶機構と、
該コンピュータシステム内における、該通信を取り出す、取出機構と、
を含む、装置。

【請求項３３】　電子取引に立ち会うためのコンピュータシステムであって、
プロセッサと、
該コンピュータシステムと第１の取引当事者とを接続する、第１の信用通信リンクと、
該コンピュータシステムと第２の取引当事者とを接続する、第２の信用通信リンクと、
該第１の取引当事者または該第２の取引当事者のうちの一方から受け取られる、該取引の詳細に関する通信を記録する、記憶デバイスであって、該通信が、該詳細を検証するために後に取り出される場合のために記憶される、記憶デバイスとを含む、
コンピュータシステム。

【請求項３４】　前記第１の信用通信リンクまたは前記第２の信用通信リンクのうちの一方で受け取られた通信を、該第１の信用通信リンクまたは該第２の信用通信リンクのうちの他方に中継する、中継装置、
を含み、
該コンピュータシステムが、前記第１の取引当事者と前記第２の取引当事者との間で交換された全通信を受け取る、
請求項３３に記載の、コンピュータシステム。

【請求項３５】　前記記憶デバイスがデータベースを含む、請求項３３に記載のコンピュータシステム。

【請求項３６】　前記第１の取引当事者および前記第２の取引当事者のうちの一方が小クライアント技術を用いる、請求項３３に記載のコンピュータシステム。

【請求項３７】　多数の当事者を伴う電子取引の１つ以上の詳細を保存する装置であって、

該多数の当事者の１人の身元を検証するための、検証手段と、
該多数の当事者のそれぞれから、該１つ以上の取引詳細に関する信用通信を受け取るための、受取手段と、
該信用通信を記録する、記録手段と、
該記録された１つ以上の詳細を取り出す、取出手段と、を含む装置であって、
該装置が、該信用通信を受け取り、該取引の該１つ以上の詳細を後に検証する目的で該信用通信を記録するために、該多数の当事者のそれぞれに接続される、装置。

【請求項３８】　前記多数の当事者の１人が小クライアント技術を含む、請求項３７に記載の装置。

【発明の詳細な説明】

【０００１】

【発明の属する技術分野】本発明はコンピュータシステムおよび電子商取引の分野に関する。より具体的には、電子取引への当事者が取引の条件を拒否することを防ぐシステムおよび方法が提供される。

【０００２】

【従来の技術】コンピュータ間の相互接続の拡大は、ビジネスおよび他の業務上の取引のための新たな電子経路を提供してきた。しかし、電子取引は、互いに面識の無い、且つしたがって、互いを信用する基盤を全く有さない２つの当事者の間でしばしば行われている。したがって、電子取引は安全面での問題点、および法的な問題点を伴い、それらの問題点は、人対人、電話による手段、または人間の仲介者など、より伝統的な方法を介して行われる取引において遭遇する問題点とは幾分異なったものである。

【０００３】

【発明が解決しようとする課題】多くの取引または契約に共通する問題点の１つは、それが電子取引であるかそれ以外での取引であるかにかかわらず、取引の条件を提供することにある。取引への当事者は同一の条件に対して同意したと信じ得るが、同意された条件に関する係争が、依然、不定期の頻度で生じている。典型的に、そのような係争は、一方の当事者が契約のうちの自らの部分を、または自らの部分であると信じている部分を実行するまで、起こらない。

【０００４】契約の１つの条件または複数の条件に関して、当事者の間で係争が起きる場合、当事者のそれぞれは、一般的に、自らの理解および信じるところが契約の真の性質を反映することを証明しようと試みる。紙面を基にする取引の世界では、通常、一方の当事者、または当事者の双方が、契約に関する何らかの書類を有する。願わくば、そのような書類が係争の焦点である条件の真の性質を反映し、且つ当事者双方の応諾（例えば、署名など）を証明する。法的な係争は書類が存在する場合でさえも依然生じ得るが、書類が無い場合には法的係争はほぼ必至である（契約に伴う価値が些細なものでないと仮定して）。

【０００５】しかし、電子取引の世界では、契約は電気信号および送信を介して行われる。１人の当事者は、他の当事者を誤って通信に接続する方法なしに電子取引に関する通信を記録し得るが（紙面、または別の手段に）、他の当事者は、その参加を拒絶し得るか、または取引の中心的部分を拒否し得る。したがって、１人の当事者による、取引に関する電子通信の記録それ自体は、その通信において反映された条件に他の当事者を拘束するためには一般に不十分である。信用性のある当事者が通信または取引の内容を証言し、その内容を証明（または、少なくとも強力な証拠を提供する）することなくして、当事者の間の係争は容易に解決しない。

【０００６】例えば、インターネット上にはデジタル情報を記録する目的でアーカイブサービスが存在するが、それはその拒絶を妨げるために取引を提供し、再生する方法をほとんど提供しない。例えば、Uniform Resource Locator(URL)として公知のアーカイブサービス、http://www.archive.orgは、インターネットの歴史または進化を収集または文書化する目的で、インターネットからデジタルデータの様々な部分（例えば、ウェブページ）を記録する。このサービスは、信用性のある方法であるかどうかにかかわらず、取引への参加者に代わって特定の電子取引の詳細を記録することは全くせず、したがって、参加者が約束を破ることを防止するためにその電子取引を再生することはできない。

【０００７】別の例として、電子オークションシステムでは、ブローカーが１人以上の当事者と１つのアイテムの販売について交渉する（すなわち、入札を受けつける）。ブローカーは販売者に代わって取引を行い、販売者および購入者は交渉または別の直接的なやり取りは行わない。したがって、オークションの取引は２人の当事者（購入者およびブローカー）の間で行われ、そこで、ブローカーは、信用性のあるまたは利害関係のない第三者としてよりも、販売者の代理人として行動する。取引の詳細または条件は保管され得るかまたは保管され得ず、且つ取引の再生を許可し得るかまたは許可し得ない。詳細が記録されてる場合、それは２人の当事者のうち１方によって記録される。ブローカーは基本的には販売者の代理人として行動するので、購入者には、取引に関するブローカーの記憶または記録を信用する理由はない。

【０００８】米国特許第５，６２９，９８０号は、デジタル作業の分配およびその使用を制御するシステムを示す。このシステムはデジタル作業の収容場所を伴い、１つの収容場所におけるデジタル作業は別の収容場所によってアクセスされ得る（例えば、コピー、または貸すことによって）。システムの１つの実施態様では、そのような取引が完了した場合、両方の収容場所は請求情報をクレジットサーバに送り、それにより請求処理の回避を

防ぐ。したがって、このシステムでは請求情報のみが第三者に提供され、その目的は、取引の詳細を再生することではなく、正確な請求を確実にすることである。取引の他の詳細は、それが少しでも保存されている場合、1つの収容場所または他の収容場所によって記録されなければならない。加えて、取引の任意の詳細を再生することはできない。

【0009】DigiCash, Inc.によって提供されるようなデジタルキャッシュシステムも、また、当事者間の係争における、取引の再生は行い得ない。加えて、デジタル銀行は取引に立ち会い、または監視するようには意図されていない。デジタル銀行は消費者にデジタルキャッシュを提供した旨の記録および／または小売商からデジタルキャッシュを受け取った旨の記録を維持し得る。しかし、一般的に、銀行は特定の取引への当事者を識別し得ない。従来の通貨と同様に、銀行は消費者に以前提供した通貨を小売商から受け取り得るが、銀行は、所有する情報から、特定の取引に参加している消費者および小売商を識別し得ない。

【0010】電子取引上の係争を防ぐ目的で、取引に関する全通信を単純に記憶することも、また、電子取引の世界に関与する多くの人間にとって適した解決方法とは言えない。特に、「小クライアント(thin client)」技術を用いているユーザおよびアプリケーションは、典型的には、そのような通信を記憶するためのリソース（例えば、記憶能力）および／またはソフトウェアを有さない。

【0011】例えば、Secure Electronic Transactions (SET)環境において、消費者と小売商との間の取引に関するオーダー情報（OI）は、支払い取得手段（例えば、クレジットカードサービス）に提供される。消費者がこの情報を提供するために、綿密な算出能力が必要とされる。例示的には、取引の詳細を含む「オーダー説明」はハッシュされたオーダー説明（HOD）に変換され、それは、支払い取得手段に対して提供されるOIに含まれる。また、一般的に、徹底した暗号による保安がSETでは必要とされ、更に、消費者に対してもその要求が増加している。したがって、小クライアントは、必要な算出リソースが欠如しているので、このような形態のSETに参加することはできない。加えて、支払い取得手段は、取引の詳細を正確に記録および／または再生するとして消費者から信用されるという点で、「信用性のある」当事者ではない。

【0012】本発明は上記の課題に鑑みてなされたものであり、その目的は上記のような問題点を克服して、電子商取引の詳細が中立的立会人により保存される方法を提供することである。

【0013】

【課題を解決するための手段】第1の当事者および第2の当事者を含む電子取引の詳細を保存する方法であって、該第1の当事者と第3の当事者との間における第1の接続を確立する工程と、該第2の当事者と該第3の当事者との間における第2の接続を確立する工程と、該第3の当事者における、該第1の当事者および該第2の当事者のうちの一方からの該取引の詳細に関する通信を受け取る工程と、該第1の当事者および該第2の当事者の同意に基づく、該第3の当事者を介しての該通信を記録する工程と、取出を目的とした、該記録された通信を提供する工程と、を含み、該第1の当事者および該第2の当事者のうちの一方が、小クライアント技術を用い、それにより上記目的が達成される。

【0014】前記取引に対する、信用性のある立会人としての前記第3の当事者を選択する工程を更に含んでもよい。

【0015】前記選択する工程が、前記取引の前における、信用性のある立会人としての前記第3の当事者について合意する工程を含んでもよい。

【0016】前記第1の当事者および前記第3の当事者のうち一方が小クライアント技術を用いてもよい。

【0017】前記通信の取り出す工程と、該通信を用いた前記詳細を提供する工程と、を更に含んでもよい。

【0018】前記詳細を提供する工程が、前記第3の当事者から、前記第1の当事者および前記第2の当事者のうちの一方へ前記通信を送信する工程を含んでもよい。

【0019】前記詳細を提供する工程が、前記第3の当事者における、前記第1の当事者または前記第2の当事者の一方からの、前記通信の申し立てられたコピーを受け取る工程と、該申し立てられたコピーの正確さを検証する工程と、を含んでもよい。

【0020】前記第1の当事者を認証する工程を更に含んでもよい。

【0021】前記第1の当事者と前記第3の当事者との間における第1の接続を確立する工程が、該第1の当事者と該第3の当事者との間における安全な通信リンクを確立する工程を含んでもよい。

【0022】前記通信リンクが、該通信リンクをわたる通信内における任意の変更の検出を容易にするプロトコルを介して、その安全を確保されてもよい。

【0023】通信を受け取る工程が、前記取引の一部を証明する、通信のメッセージダイジェストを受け取る工程を含んでもよい。

【0024】前記メッセージダイジェストが、前記通信に対して行われるハッシュ機能の結果であるハッシュ値を含んでもよい。

【0025】前記メッセージダイジェストが、前記通信に対して行われる検査合計動作の結果である検査合計を含んでもよい。

【0026】前記第3の当事者を介する、前記通信を記録する工程が、該通信を指標化する工程と、該通信をデータベースに記憶する工程とを含んでもよい。

【００２７】前記第３の当事者における、前記第１の当事者からの第１の取引識別子を受け取る工程と、前記第３の当事者における、前記第２の当事者からの第２の取引識別子を受け取る工程とを更に含んでもよい。

【００２８】前記第３の当事者における、前記第１の取引識別子と前記第２の取引識別子とを適合させる工程を更に含んでもよい。

【００２９】電子取引に立ち会う方法であって、第１の取引当事者へ接続する工程と、第２の取引当事者へ接続する工程と、該第１の当事者と該第２の当事者との間における通信を中継する工程と、該第１の当事者と該第２の当事者との間でやり取りされた、該取引の１つ以上の条件を含むメッセージを受諾する工程と、該１つ以上の条件を記録する工程とを含んでもよい。

【００３０】前記受諾する工程が、前記第１の当事者と前記第２の当事者との間における、前記取引を行うためのプロトコルに一貫する通信を受け取る工程と、該通信に含まれる該取引の１つ以上の条件を、該プロトコルに従って識別する工程とを含んでもよい。

【００３１】前記記録する工程が、前記メッセージを指標化する工程と、該メッセージをデータベースに記憶する工程とを含んでもよい。

【００３２】前記第１の当事者および前記第２の当事者のうちの一方が、小クライアント技術を用いてもよい。

【００３３】多数の当事者が関与する電子取引に立ち会う方法であって、第１の当事者からの該取引の、立ち会いの要求を受け取る工程と、該第１の当事者を認証する工程と、該第１の当事者からの第１の取引識別子の受け取る工程と、第２の当事者からの接続を受け取る工程と、該第２の当事者からの第２の取引識別子を受け取る工程と、該取引の該当事者を識別するために、該第１の取引識別子と該第２の取引識別子を比較する工程と、取引詳細を受け取る工程と、該取引詳細を記録する工程とを含んでもよい。

【００３４】前記取引詳細を受け取る工程が、前記第１の当事者と前記第２の当事者との間で交換された、前記取引の詳細を含む通信についてのメッセージダイジェストを受け取る工程を含んでもよい。

【００３５】前記取引詳細を記録する工程が、前記メッセージダイジェストを指標化する工程と、該メッセージダイジェストをデータベースへ記憶する工程とを含んでもよい。

【００３６】前記メッセージダイジェストが前記通信の要旨であってもよい。

【００３７】前記メッセージダイジェストが、前記通信に対して行われたハッシュ機能の結果であるハッシュ値を含んでもよい。

【００３８】前記メッセージダイジェストが検査合計を含んでもよい。

【００３９】取引詳細を受け取る工程が、前記第１の当事者または前記第２の当事者のうちの一方からの、前記取引の１つ以上の詳細または条件を含む通信を受け取る工程を含んでもよい。

【００４０】前記取引詳細を記録する工程が、前記通信を指標化する工程と、該通信をデータベースへ記憶する工程とを含んでもよい。

【００４１】前記通信が、前記第１の当事者、前記第２の当事者、前記取引の時間、および該取引の日付から成る群のうちの１つ以上の要素によって指標化されてもよい。

【００４２】前記第１の当事者および前記第２の当事者のうちの一方が小クライアント技術を用いてもよい。

【００４３】電子取引の詳細を記録するための方法を、コンピュータによって実行される場合に実施する命令を記憶する、コンピュータ読み取り可能記憶媒体であって、該方法が、第１の当事者との第１の接続を確立する工程と、第２の当事者との第２の接続を確立する工程と、該第１の当事者および第２の当事者のうちの一方からの、該取引の詳細に関する通信を受け取る工程と、該通信を記録する工程と、該第１の当事者および該第２の当事者のうちの一方による取出を目的とした、該記録された通信を提供する工程と、を含み該記録された通信が、該第１の当事者および該第２の当事者の同意に基づいて記録され、それにより上記目的が達成される。

【００４４】多数のエンティティを伴う取引を、後の検証のために保存する装置であって、該多数のエンティティのそれぞれと通信するコンピュータシステムと、該コンピュータシステム内における、該多数のエンティティのうちの１つを認証する、認証機構と、該コンピュータシステム内における、該複数のエンティティのうちの該１つから該取引に関する通信を受け取る、受取機構と、該コンピュータシステム内における、該通信を記憶する、記憶機構と、該コンピュータシステム内における、該通信を取り出す、取出機構とを含み、それにより上記目的が達成される。

【００４５】電子取引に立ち会うためのコンピュータシステムであって、プロセッサと、該コンピュータシステムと第１の取引当事者とを接続する、第１の信用通信リンクと、該コンピュータシステムと第２の取引当事者とを接続する、第２の信用通信リンクと、該第１の取引当事者または該第２の取引当事者のうちの一方から受け取られる、該取引の詳細に関する通信を記録する、記憶デバイスであって、該通信が、該詳細を検証するために後に取り出される場合のために記憶される、記憶デバイスとを含み、それにより上記目的が達成される。

【００４６】前記第１の信用通信リンクまたは前記第２の信用通信リンクのうちの一方で受け取られた通信を、該第１の信用通信リンクまたは該第２の信用通信リンクのうちの他方に中継する中継装置を含み、該コンピュータシステムが、前記第１の取引当事者と前記第２の取引

当事者との間で交換された全通信を受け取ってもよい。

【0047】前記記憶デバイスがデータベースを含んでもよい。

【0048】前記第1の取引当事者および前記第2の取引当事者のうちの一方が小クライアント技術を用いてもよい。

【0049】多数の当事者を伴う電子取引の1つ以上の詳細を保存する装置であって、該多数の当事者の1人の身元を検証するための、検証手段と、該多数の当事者のそれぞれから、該1つ以上の取引詳細に関する信用通信を受け取るための、受取手段と、該信用通信を記録する記録手段と、該記録された1つ以上の詳細を取り出す取出手段とを含む装置であって、該装置が、該信用通信を受け取り、該取引の該1つ以上の詳細を後に検証する目的で該信用通信を記録するために、該多数の当事者のそれぞれに接続され、それにより上記目的が達成される。

【0050】前記多数の当事者の1人が小クライアント技術を含んでもよい。

【0051】本発明によると、電子取引における拒絶を防ぐシステムおよび方法が提供される。特に、1人の当事者または全当事者が、取引の今までの経緯に関するデータを維持することを要求されない電子取引における、拒絶を防ぐ方法が提供される。加えて、発明の特定の実施態様における、電子取引の拒絶を防ぐ方法およびシステムは、その取引に関与する当事者による膨大なリソースまたは処理能力を必要としない。

【0052】発明の1つの実施態様において、「中立的立会人」は、電子取引（例えば、インターネットまたは他の広域ネットワークを介して行われる）への信用性のある立会人として提供される。この実施態様にしたがって、中立的立会人は、取引に関与する2人以上の当事者と信用通信リンクを確立する。例示的には、当事者を認証し、且つ当事者への信用リンクを形成するために、Secure Sockets Layer (SSL)プロトコルが用いられる。

【0053】発明の本実施態様では、中立的立会人（例えば、インターネットサービス）が立会人として機能し始める場合、第1の当事者（例えば、インターネットに接続する小売商）は中立的立会人に取引識別子を受け渡す。この取引識別子は取引および取引に関与する当事者を識別するために用いられる。同一の取引の他の当事者（例えば、クライアントを介して、インターネットに接続されるユーザ）が中立的立会人に接続する（例示的に、また、信用リンクを用いる）にしたがい、それらの当事者は同一の取引識別子を提供する。したがって、中立的立会人は全取引当事者を識別し得る。

【0054】一旦、全当事者が中立的立会人に接続されると、取引の1つ以上の詳細が、1人以上の当事者によって、中立的立会人に受け渡される。その詳細は、中立的立会人によって指標化され、記録される。

【0055】1つの実施態様では、中立的立会人は全通信（例えば、ウェブページ、http要求）を受け取り、記録する。別の実施態様では、当事者は、中立的立会人に対して、取引の1つ以上の詳細を含む、通信のダイジェストを受け渡す。例示的に、ダイジェストはメッセージダイジェストであり、そのメッセージダイジェストは取引の「指紋を採取」するように機能する。または、ダイジェストは通信の要旨または抜粋である。

【0056】取引を行うために特定のプロトコルが用いられる場合、中立的立会人または一方の当事者は、プロトコルにしたがって、関係のある取引詳細を自動的に取り出し得る。

【0057】

【発明の実施の形態】以下の説明は、当業者が本発明を実施し、用いることを可能にするために提供され、特定の適用例および必要条件の観点から提供される。開示される実施態様に対する様々な改変が当業者には容易に明らかとなり、且つ、本明細書中に規定される包括的な原理は、本発明の精神および範囲から逸脱することなく、他の実施態様および用途に適用可能であり得る。したがって、本発明は示される実施態様に限定されるものではなく、本明細書中に開示される原理および特徴に一致する最大の範囲に適合するように意図される。

【0058】例えば、本発明の1つの実施態様は、インターネット上で行われる電子取引の拒絶を防ぐための「中立的立会人」の観点で説明される。その電子取引は、一方の当事者が、他方の当事者から物品またはサービスを購入するような取引などである。しかし、発明の範囲は、特定の種類の電子取引、または電子取引を行う方法に限定されない。更に、本実施態様を説明する際に、様々な通信リンクが示される。本発明の実施態様は、インターネット通信の観点から、およびインターネットにアクセスする方法の観点から説明されるが、本発明の範囲は、特定の種類のネットワークまたは通信リンクに限定されない。

【0059】この詳細な説明にわたって、本発明の完全な理解を提供するために、特定の保安プロトコルまたは認証技術など、数々の特定の詳細が提示される。しかし、当業者には、本発明はそのような特定の詳細なしに実施され得ることが理解される。他の例では、本発明が不明瞭になることを防ぐために、周知の制御構造およびシステム構成要素は詳細に示されない。

【0060】また、本発明の技術は、様々な技術を用いることにより実行され得ることを理解されたい。例えば、本明細書中に更に説明される中立的立会人は、コンピュータシステム上で実行されるソフトウェアにおいて実行され得るか、または、マイクロプロセッサ、或いは他の特別に設計されたアプリケーションの限定的な集積回路の組み合わせ、プログラム可能ロジックデバイス、またはそれらの様々な組み合わせのいずれかを用いるハードウェアにおいて実行され得る。特に、本明細書中に

説明される中立的立会人は、キャリアウエーブまたはディスクドライブなどの記憶媒体上における一連のコンピュータ実行可能命令によって、実行され得る。

【0061】中立的立会人の説明

発明の1つの実施態様では、電子取引に立ち会い、その取引に関与する当事者が取引またはその必須の部分を拒絶することを防ぐために、「中立的立会人」が提供される。典型的な電子取引または契約では、互いの間の合意に関する条件を交渉し、且つ実行するために、2人以上の当事者が電子通信を交換する。この合意に引き続き、当事者は、それぞれの役割を実行する。例えば、インターネットを介して行われる品物またはサービスの販売において、販売者が特定の値段においてその品物またはサービスを提供するか、購入者が特定の値段におけるその品物またはサービスの購入を提供する。次いで、他方の当事者が応答し、可能性として、その提供を受け入れるか、またはそれに対向する提供を提示する。当事者が、関連する条件（例えば、値段、質、説明、配送手段、支払い方法）について合意したあと、販売者はその品物を配送するか、またはサービスを提供し、購入者は支払いを行う。

【0062】本発明は、電子取引の当事者が、契約が実行された後に、その契約または契約の重要な部分を拒絶することを防ぐためのシステムおよび方法を提供する。中立的立会人は取引の当事者ではなく、当事者の合意の条件を含む、1つの通信または複数の通信の全部分または1部を記録、要約、または保存する。中立的立会人は、取引の全当事者から信用されるエンティティ（例えば、銀行または対価取得手段）によって動作されることが好ましく、それにより取引の詳細を記憶、取り出し、および／または再生する安全な環境を提供する。

【0063】図1は、本発明の1つの実施態様を示す。本実施態様では、中立的立会人100は、電子取引に関与するクライアントとサーバとの間でやり取りされる通信の経路内に位置づけられる。図1に示される取引は、例示的に、クライアント120およびサーバ140を含み、それぞれ、通信リンク110および130によって中立的立会人100に接続される。示される実施態様は2人の当事者のみを含むが、別の実施態様では、2人以上の当事者が関与する。

【0064】例示的に、中立的立会人100は、プロセッサ102、認証手段104、およびデータベース106を含む。加えて、中立的立会人100は、当事者との通信用に多数の通信ポート（図1には示さず）を含む。プロセッサ102は、中立的立会人100を動作させる一連のコンピュータ読み取り可能命令を実行する。認証手段104は接続されている当事者の身元を検証するように働く。例示的に、認証手段104は、中立的立会人100を用いている当事者によって提供される証明書のデジタル署名を認証することによって、当事者を証明する。

【0065】データベース106は、中立的立会人100によって立ち会われた取引の詳細を記憶するデータ記憶領域を含み、且つそのような詳細を指標化する手段を含む。本発明の1つの実施態様において、取引の詳細は、暗号化されたフォーマットでデータベース106内に記憶される。例示的に、取引の詳細は、Digital Encryption Standard (DES)で提供されるような対称キーによって暗号化される。または、Public Key Encryption (PKE)法がどのように用いられようと、その取引の詳細のコピーが取引の全当事者に付与される。PKEでは、取引の詳細が中立的立会人100の私的なキーによって例示的に暗号化され、対応する公的なキーによってのみ解読され得る。

【0066】例示的には、クライアント120は、サーバ140にアクセスするためのウェブブラウザまたは他のインターフェースを含む。サーバ140はインターネットサーバ（例えば、ウェブサーバ）であり、中立的立会人100はインターネットサーバまたはアプリケーションである。したがって、示される実施態様では、通信リンク130はインターネットであり、通信リンク110はインターネット接続（例えば、インターネットサービスプロバイダを介する専用リンクまたはダイヤルアップリンク）である。中立的立会人100、クライアント120、およびサーバ140は、本発明の実施態様では、はっきりと区別されるエンティティであるが、別の実施態様では、それらのうち、任意のもの、または全部が区別を持たないものである（例えば、1つのコンピュータシステムおよび／またはネットワークにおいて、共同で位置づけられる）。例えば、本発明の1つの実施態様では、中立的立会人100はネットワークサーバを構成する。ユーザは、同じネットワークサーバ上で電子商取引に参加するためのアカウントを維持し、且つサーバ140と同じコンピュータ上で動作する。本発明の範囲は、中立的立会人100、クライアント120、およびサーバ140を相互接続するための、特定の種類または形態の通信リンクに限定されるものではない。

【0067】上述のように、ここで説明される実施態様では、中立的立会人100は、クライアント120とサーバ140との間で行われる全通信を受け取り、且つ転送する。したがって、中立的立会人100は、電子取引の条件の全部分または1部を反映する通信を傍受し、且つ保存し得る。例示的には、中立的立会人100は合意の中心的条件を維持する（例えば、値段、質、説明、配達または実行の時間枠）。例えば、Open Trading Protocol (OTP)またはElectronic Data Interchange(EDI)の1つの形態などの特定のプロトコルが取引に対して実行される場合、中立的立会人100は、取引の少なくとも中心的条件を識別し、且つ維持するために、そのプロトコルを適用するよう構成される。条件は1つの通信また

は多数の通信に反映され得る。特に、中立的立会人１００によって維持される通信は、条件に対する当事者の合意を正確に反映する。例えば、例示的に、中立的立会人１００はクライアント１２０によって提出されたオーダーフォーム（例えば、ユーザによって作成されたエントリを備える、購入を示すウェブページ）、およびサーバ１４０からの検証を記憶する。または、中立的立会人１００は当事者間の取引の開始時から終了時にまでわたる全通信を記録する。

【００６８】中立的立会人１００は当事者の取引における中心的条件を維持するので、ユーザと小売商との間で係争が生じた際には、取引を「再生成」し得る。例えば、ユーザは、合意したよりも高い値段で請求され得、または彼らが予期していた物品とは異なる物品を受け取り得る。そのような場合、ユーザは中立的立会人１００に、合意事項を、またはそのうちの関連部分を再生するように要求する。信用度および安全性を含む、中立的立会人１００の信用性により（更に後述する）、再生成された取引が不正確であることを証明する責任は、中立的立会人の記録に同意しない当事者に課せられる。

【００６９】当業者は、本発明によって提供されるような中立的立会人の使用が、クライアント１２０が「小」クライアントである場合に特に有効であることを認識する。「大」クライアントはより強力なリソースを有し、且つ、それにより電子取引の条件を含む通信を維持し得る傾向にあるが、小クライアントは一般的にそのような能力に欠ける。したがって、発明の本実施態様における中立的立会人の実行は、クライアント１２０に対して、追加のソフトウェアまたはプログラミングを要求しない。或いは、保存しておくことをユーザが望む通信があることを中立的立会人１００に通達するために、アプレットがクライアント１２０によって用いられ得る。

【００７０】本発明の別の実施態様が図２に示される。この実施態様において、中立的立会人１００は、取引の当事者（クライアント１２０およびサーバ１４０）の間での全通信の経路内には位置づけられない。その代わりに、クライアント１２０とサーバ１４０との間で取り交わされた通信は、通信リンク２００で通信される。したがって、当事者は、中立的立会人１００からは独立して取引の条件についての合意に達する。通信リンク２００は、例示的に、ダイヤルアップリンク、または他のリンクの組み合わせを含む。１つの実施態様では、通信リンク２００は、クライアント１２０とインターネットサービスプロバイダ（ISP）との間の接続、およびISPとサーバ１４０との間の連結を含む。

【００７１】図２に示される実施態様では、クライアント１２０およびサーバ１４０は、彼らの取引の詳細を、中立的立会人１００に対して独立に送信する。したがって、取引を含む元来の通信を受け取りはしないものの、中立的立会人は、依然、後に取引の全部分または１部を証明するために必要となる情報を受け取る。本発明の本実施態様は、また、小クライアントに良好に適していることが理解される。例示的に、ここで説明される実施態様におけるクライアント１２０は、アプレットを用いるブラウザである。アプレットは、所望の取引詳細を中立的立会人１００に転送する。

【００７２】図２では、中立的立会人１００に、当事者双方が取引の詳細を提出するように示すが、本発明の別の実施態様では、クライアント１２０など、１人の当事者のみが取引の詳細を提出する。そのような実施態様において、サーバ１４０は取引に関する自らの記録を維持し得る。しかし、この実施態様では、中立的立会人１００の信用性から、取引の詳細に関する立会人の報告がサーバの報告と異なる場合、立会人の報告の方が好まれる（例えば、法的係争の際、裁判所で）。

【００７３】情報を取引における実際の参加者から受け取ることを確実にするために、中立的立会人１００は、例示的に、サーバ１４０が通信リンク１３０を介して接続を確立する場合にサーバ１４０を認証し、クライアント１２０が通信リンク１１０を介して接続する場合にクライアント１２０を認証する。本実施態様ではSecure Sockets Layer（SSL）認証が用いられるが、他の方法（例えば、デジタル証明書、固定インターネットプロトコル（IP）アドレス）も同様に考慮される。

【００７４】取引の条件がクライアント１２０およびサーバ１４０の双方によって提出される場合、本発明の１つの実施態様では、中立的立会人１００は当事者によって提出された報告を比較する。双方の報告が同一の詳細を反映している場合、その後中立的立会人１００は例示的に一方の報告のみを記憶する。しかし、詳細が異なる場合、中立的立会人１００は、例示的に、後の調停のために双方の報告を記憶するように構成される。それは、必要となり得るか、またはなり得ない場合もある。または、中立的立会人１００は、不合意を未然に防止するために、当事者にその差異を報告する。

【００７５】クライアント１２０とサーバ１４０との間でやり取りされる全情報が記録されない限り、中立的立会人に送付され、記録されるような通信（例えば、ウェブページ）または取引詳細を識別する方法が必要とされる。上述のように、取引プロトコルは当事者によって実行され得、その場合、クライアント１２０およびサーバ１４０は、記録されるべき重要な情報の識別のためにそのプロトコルを適用する。プロトコルが実行できない別の実施態様では、ユーザが記録したいと思うウェブページのそれぞれは、ある様式でマークが付される（例えば、取引の各ページに、チェックボックスがプログラムされる）。他の、別の実施態様では、例示的に、小売商はクライアントから受け取った全通信を中立的立会人に転送する。

【００７６】更なる別の実施態様では、サーバ１４０は

クライアント１２０に対して、中立的立会人１００によって記録されるべき情報に関する１つ以上のオプションを提供する。オプションは、中立的立会人によって中継され得る。クライアントが選択を返信した後、対応する情報が自動的に中立的立会人に送付される。

【００７７】中立的立会人の動作

図3は、図2に示される本発明の実施態様にしたがって中立的立会人を実行し、それによって電子取引の中心的部分の保存を可能にする、例示的な方法を示す。その方法をより詳細に表すフローチャートは図４に提供され、且つ以下に更に説明される。例示的に、方法は、インターネットおよびインターネットベースの商取引の観点から適用される。

【００７８】初期の段階で、ユーザは、サーバ１４０上のウェブページまたは他の情報をブラウズするために、クライアント１２０を用いる。ユーザによるブラウズ行為は通信リンク３００を介して行われる。通信リンク３００は、クライアント１２０およびサーバ１４０の双方に連結されるインターネットサービスプロバイダ(ISP)を例示的に含む。

【００７９】ある時点で、ユーザは、アイテム購入を希望する旨を示す。次いで、サーバ１４０は、通信リンク３００または他の経路を介して、データストリーム３０２を送付する。データストリーム３０２は、取引に立ち会う中立的立会人１００に関する情報を含む。データストリームの目的の１つは、クライアントに対して中立的立会人を識別し、それにより、クライアントが中立的立会人との接続を確立することにある。例示的に、データストリーム３０２内の情報は、Uniform Resource Locator (URL)、またはクライアント１２０を中立的立会人にアクセスさせ得る他の位置決め手段を含み、且つ取引を識別するための識別子（例えば、コードまたは文字数字配列）を含む。

【００８０】サーバ１４０は、通信リンク３０４を介して、中立的立会人１００との安全な接続を確立し、且つ中立的立会人に取引識別子を通知する。それにより、中立的立会人は取引を行っている適切な当事者を見つけ得る。同様に、クライアント１２０は、通信リンク３０６を介して、中立的立会人１００との安全な接続を確立し、且つ、また、中立的立会人に取引識別子を受け渡す。発明の本実施態様において、リンク３０４および３０６はSSL保安プロトコルを用いる。SSLプロトコルの実行は、リンク３０４およびリンク３０６を通る通信の改変を防ぐ（おそらく、中立的立会人１００による改変以外は）。本実施態様では、中立的立会人１００は各当事者を認証し、各当事者は中立的立会人を認証する。例示的には、中立的立会人は当事者双方とデジタル証明書を交換する。または、SSL認証手段が用いられるか、または、適用可能な場合は、固定IPアドレスが交換され、調査される。

【００８１】当事者と中立的立会人との間に信用通信経路が存在するので、当事者は、安全性維持のために、互いの間の取引の全部分または選択された部分を中立的立会人に受け渡し得る。しかし、示される動作方法では、クライアント１２０とサーバ１４０との間の交渉および通信用の主要経路はリンク３００である。したがって、各当事者から中立的立会人に特に送付される情報のみが保存される。どの情報が中立的立会人に送付されるべきかを決定する方法は、上述の通りである。しかし、１つの実施態様では、サーバ１４０がクライアント１２０に送付する情報（例えば、ウェブページ）は、中立的立会人にも送付される。加えて、クライアント１２０はサーバ１４０から受け取る情報を中立的立会人に転送するか、または、サーバ１４０から受け取られた情報に関するメッセージダイジェスト（後述）を送付する。したがって、中立的立会人は、サーバ１４０によって提供される取引詳細を照合し、その正確さを検証し得る。

【００８２】中立的立会人１００はクライアント１２０およびサーバ１４０から隔離して示されるが、本発明の別の実施態様では、中立的立会人はクライアント１２０およびサーバ１４０のいずれかと、または双方と共に配置される（例えば、同一のコンピュータシステムまたはネットワーク上に）。

【００８３】図4は上述のプロセスをより詳細に示したフローチャートである。段階４００は開始段階である。本発明の例示的な実施態様では、開始段階４００以前に、またはそれと同時に、当事者は、彼らの取引をモニタするために中立的立会人を選択するかまたはそれに合意する。本発明の別の実施態様では、中立的立会人１００の選択は取引開始後に行われる。段階４０２では、クライアント１２０に接続されたユーザは、通信リンク３００を介してサーバ１４０上の情報にアクセスし情報を見るためにインターフェースを用いる。したがって、クライアント１２０は、Netscape NavigatorまたはMicrosoft Internet Explorerなどのブラウザ、或いはサーバ１４０にアクセスするように設計された別のインターフェースを例示的に含む。サーバ１４０は、様々な物品および／またはサービスを販売目的に提供する小売商によって例示的に用いられる。したがって、段階４０２において、ユーザは小売商の提供物を再検討する。

【００８４】段階４０４において、ユーザはアイテムの購入を決定し、その旨信号を発する。例示的には、ユーザは、クライアント１２０および／またはサーバ１４０上で実行されるソフトウェアを操作することによって、「買い」オプションを選択する。購入を行うという決定は、当事者が安全且つ信用通信モードに入る必要があることを意味する。この信用モードでは、中立的立会人１００は取引の１つ以上の詳細を記録または保存し、それにより、係争の際にはそれらの詳細が再生成され得る。これは、当事者のいずれかが後に取引を拒絶することを

防ぐ。

【００８５】ユーザの購入動作に応答して、段階４０６では、サーバ１４０は通信リンク３４を介して中立的立会人１００に接続する。それは、中立的立会人のURL、または他の位置決め手段を用いて行われる。本実施態様では、サーバ側の当事者（すなわち、小売商）は中立的立会人を選択する。別の実施態様では、中立的立会人はクライアント側の当事者によって選択されるか、または当事者間における合意によって決定される（例えば、受け入れ可能な立会人を含むリストを交換し、双方のリストに共通する１人に合意することにより）。中立的立会人は、取引の詳細を正確に記録することを求められるので、通信リンク３０４はSSLプロトコルの使用によって保護される。したがって、信用経路はサーバ１４０と中立的立会人１００との間に確立される。

【００８６】サーバ１４０および中立的立会人１００の身元を確実にするために、サーバ１４０および中立的立会人１００は、段階４０８において互いに自らを認証する。例示的には、SSL認証を用いてそれを行う。本発明の別の実施態様では、サーバおよび中立的立会人は、保証権限者により発行されたデジタル証明書を交換することにより、互いに認証する。他の別の実施態様では、サーバ１４０および中立的立会人１００は単にIPアドレスを検証するか（双方が固定IPアドレスを有する場合）、或いは、Mondexカードまたは他の身分証明カードを用いる。更に別の他の実施態様では、サーバ１４０は中立的立会人１００を認証するが、中立的立会人はサーバ１４０を認証する必要はない。当業者は、段階４０６および４０８の主要な目的がサーバ１４０と中立的立会人１００との間に安全な経路を確立し、且つ、第３者がサーバ１４０または中立的立会人１００のいずれかをかたることを防ぐものであることを認識する。信用通信リンクが確立され、且つ通信者が、誰と通信しているのかをかなり確信している限り、その目的を達成するために様々な方法が適切である。

【００８７】段階４１０において、サーバ１４０は中立的立会人に取引識別子を送付し、取引識別子は、接続された際に、クライアントを識別するために用いられる。発明の本実施態様では、識別子はサーバ１４０によって発生されるか、または選択される。識別子はこの取引にとって独自のものであり、少なくとも、特定の時間内に存在するか、または特定のクライアントと存在する。例示的には、取引識別子は文字数字コードまたは数字の配列を含む。

【００８８】段階４１２では、サーバ１４０はクライアント１２０にデータストリーム３０２を発行する。データストリーム３０２の主要目的は、クライアントに対して、取引に立ち会い、モニタする中立的立会人を識別することである。データストリーム３０２内には、中立的立会人１００を識別するURLが備わる。URLは、中立的立会人がどこで（例えば、インターネット上）で発見され得るかを識別する。または、中立的立会人はいくつかの他の方法によって識別され得る（例えば、固定IPアドレスまたは他の独自の位置決め手段により）。データストリーム３０２は、また、取引識別子を含む。取引識別子が必要となるのは、中立的立会人１００がクライアント１２０およびサーバ１４０への別々の接続に関与するためである。したがって、中立的立会人１００は、立ち会う取引のそれぞれに関与する当事者を正確に識別し、適合させ得る必要がある。クライアント１２０およびサーバ１４０が、中立的立会人１００に個別に接続する場合、クライアント１２０およびサーバ１４０はそれぞれ同一の取引識別子を提供する。取引識別子は、サーバ１４０によって送付されたURLに取り付けられるフラグを例示的に含む。あるいは、識別子は個別の送信で送付される。

【００８９】段階４１４において、クライアント１２０は、サーバ１４０によって提供される位置決め手段（例えば、URL）を介して中立的立会人１００に接続する。クライアント１２０は、通信リンク３０６をわたって中立的立会人１００に接続する。通信リンク３０６は、信用リンクを提供するために、リンク３０４（例えば、SSL）と同様の方法によって保護される。次いで、クライアント１２０および中立的立会人１００は、段階４１６において、互いに認証する。それは、段階４１０において用いられたものと同一の、または異なる機構を用いて行われる。次いで、段階４１８において、クライアント１２０は、サーバ１４０から受け取った取引識別子を送信する。識別子を受け取ると、中立的立会人１００は、取引に関与する他の当事者を決定し、それにより、サーバ１４０を発見する。例示的に、サーバ１４０は、中立的立会人に対して、取引に関与する当事者の数を通知し、それにより、中立的立会人は、全当事者が接続され、または他の方法で代表されていることを確実にし得る。

【００９０】クライアント１２０および中立的立会人１００は、示される実施態様のように、安全且つ信用性のある方法で接続されるが、別の実施態様では、高レベルの信用は必要とされない。例えば、取引中にクライアントが支払いを行い（例えば、クレジットカード、Digicash、Cybercashなどを介して）、中立的立会人がその支払いについて通知される電子取引においては、取引におけるユーザ側の責任部分の実行に関する係争の危険性はほとんど、または全くない。小売商側の実行のみが係争の対象になるので、したがって小売商は、取引の基本的な詳細（例えば、値段、質、アイテムの説明、配達条件、保証）の記録を中立的立会人に提供する動機を有する。もちろん、クライアントも、安全確保のために、取引の詳細を中立的立会人に提出し得るが、係争の際には、責任部分に関する実行についての証明は小売商側に

課せられる。小売商の責任は、小売商によってサーバに提供された詳細およびその詳細の信頼性によって、部分的または完全に軽減される。

【００９１】再度図４を参照して、中立的立会人１００と、クライアント１２０およびサーバ１４０のそれぞれとの間に信用性のある接続が存在すると、段階４２０において、当事者は、取引の詳細を中立的立会人に提出する。例えば、当事者のいずれか、またはその双方が、当事者間で交換されたウェブページを提出し得る。取引を含む通信は、当事者が中立的立会人１００と信用性のある接続を確立する前、確立している間、および／または確立した後に、発生し得る。

【００９２】本発明の例示的な実施態様の１つでは、公知の取引プロトコルが、クライアント１２０とサーバ１４０との間の取引について効力を有する（例えば、オープントレーディングプロトコル）。そのプロトコルの１部として、クライアント１２０およびサーバ１４０のいずれか、またはその双方は、取引の中心的部分を認識し、且つ自動的にその部分を中立的立会人１００に転送する。そのようなプロトコルが、図１に示される本発明の実施態様において用いられる場合、中立的立会人１００は効力を有するプロトコルを認識し、自動的に関係のある情報を記録する（クライアントとサーバとの間で流される情報またはデータの全てを記録または保存する代わりに）。

【００９３】別の実施態様の１つでは、取引の全当事者が、取引または取引の詳細に関する自らの理解を証拠づける「契約書」または他の書類を中立的立会人に提出する。契約書は、送信の間における変更を防ぐために、暗号によって署名されていることが好ましい。全当事者から実質的に同一の契約書を受け取ることが、本実施態様における合意を形成する。

【００９４】本発明の別の実施態様では、中立的立会人１００に全ウェブページ、電子書類、または他の情報を受け渡す代わりに、当事者のいずれか、または双方は、立会人にメッセージダイジェストを送付するのみである。例示的には、そのようなメッセージダイジェストは取引詳細の要旨のみを含む。そのような実施態様においては、当事者の一方または双方が元の詳細を維持する。取引に関する係争の際には、元の詳細から新たなメッセージダイジェストが作成され、中立的立会人に提供されたメッセージダイジェストと比較される。

【００９５】または、メッセージダイジェストは、取引（または、その中心的部分）を含む通信に対して行われた、ハッシュまたは検査合計動作の結果を含む。したがって、当業者には、中立的立会人１００に提出され、そこで維持される情報の詳細についての量および程度は広範囲なものであり得ることが理解される。中立的立会人は、当事者の間で取り交わされた全情報（図１に示されるような実施態様において）、その情報について行われたハッシュ機能または検査合計動作の結果のみ、または両者の間の若干量の結果を受け取り得、且つ記録し得る。

【００９６】段階４２２において、当事者によって提出された情報は指標化され、保存される。例示的には、当事者から受け取られたもの全ては受取時間が刻印され、時間、日付、サーバ、クライアント、および取引識別子といった識別特性によって指標化される。段階４２４では、中立的立会人１００は、取引に関与している当事者の一方、または法的仲介者に対して、記録された取引詳細を提供する。典型的には、詳細は、取引に関する条件または当事者の責任範囲についての係争を解決するために用いられる。段階４２６は終了段階である。

【００９７】中立的立会人によって記録された取引への当事者間における、後の係争に際して、当事者のいずれか、または双方は、中立的立会人に対して取引またはその中心的部分を再生するよう要求し得る。例えば、ユーザが小売商から潜水用足ひれ１対を受け取ったが、実際は山岳用ブーツ１対を注文していたとしてクレームした場合、ユーザおよび／または小売商は中立的立会人に対して、何が注文されていたのかを証明するよう要求する。中立的立会人の信用性、および情報が中立的立会人に提供される方法の安全性から、中立的立会人によって提供される証拠は、取引が、中立的立会人によって報告された通りに行われたという推定を形成する。要求された情報を取り出すためには、中立的立会人は、単に、取引に関する詳細のいくらか（例えば、日付、取引識別子、サーバおよび／またはクライアントの身元）を要求する。

【００９８】上述のように、中立的立会人は、当事者の一方から提供されたハッシュ値または検査合計のみを記録し得る。ハッシュ値または検査合計を提供した当事者は、そのハッシュ値または検査合計動作が行われた取引の完全な詳細を記録する責任を有する。当事者の一方が完全な詳細を保存し、それを中立的立会人に提供もする別の実施態様では、中立的立会人は依然、完全な詳細でななく、検査合計またはハッシュ値（中立的立会人が算出した）のみを記憶する。詳細は当事者によって維持されているので、中立的立会人はこの方法で記憶空間を保ち得る。

【００９９】例えば、１つの実施態様では、サーバは中立的立会人に対して、取引を含む通信に関するハッシュおよび／または検査合計値を含むメッセージダイジェストを提供するのみである。取引に関して後に係争が生じる場合、サーバは取引の詳細を生成し、それを中立的立会人、同様にはクライアントおよび／またはその事件について調査している法的関係当局に提供する。次いで、中立的立会人は、最初にサーバによって行われたものと同一の機能を用いて詳細についてのハッシュ値を算出し、元の値と比較する。それらの値が同一である限り

は、中立的立会人は、サーバによって提供された詳細は正確であることを保証し得る。または、サーバは第2のハッシュ値を生成し、それを、次いで比較を行う中立的立会人に提供する。

【0100】上記説明では、図4に示されるように、本発明の実施態様にしたがって電子取引を行うために、通信の「信用モード」に入る方法の1つが提示された。別の実施態様では、当事者は、「ブラウズモード」から「信用モード」へ異なる方法によって移行する。この別の実施態様において、依然、ユーザが購入を開始するが、その取引を行うにあたり、中立的立会人および/またはサーバサイトの選択肢を提供される。例示的には、ユーザはURLのリストから選択する。各URLは中立的立会人との安全な接続に対応し、立会人のネットワークアドレスを含む。URLは、更に、取引における小売商を表すサーバサイトのアドレスを含む、フラグまたはスクリプトを含む。一旦ユーザが、選択されたURLを介して、中立的立会人に接続すると、中立的立会人は特定されたサーバサイトに安全に接続する。次いで、サーバは、認証データ、サーバの身元、取引用の取引識別子、取引を継続する際の別のサーバページまたはサイトなどの情報を中立的立会人に送付する。次いで、サーバおよびクライアントは上述のように取引を行い、取引の詳細を安全確保のために中立的立会人に受け渡す。

【0101】図5は、取引に2人以上の当事者（例えば、クライアントに接続されるユーザおよびサーバに接続される小売商）が関与する、本発明の1つの実施態様を示す。第1の当事者500および第2の当事者502は、例示的に、それぞれクライアントおよびサーバである。他の様々な当事者もまた、参加し得る。第Nの当事者は、符号504によって表される。第Nの当事者504は別のサーバを表し得、おそらくそのサーバは、ユーザが、電子取引を行うアカウントを維持しているサーバである。

【0102】別の実施態様では、第Nの当事者504は「対価取得手段」である。対価取得手段は、しばしば、電子取引において用いられる。そのような観点では、ユーザが購入を希望する場合、ユーザは購入したアイテムの売値を対価取得手段（例えば、電子銀行）に支払う。支払いは、おそらく、クレジットカード、Digicash、または他の手段によって行われる。次いで、対価取得手段は小売商に対して、ユーザがアイテムについての支払いを行ったことを保証し、次いで、小売商はユーザにアイテムを配送する。

【0103】図5に示される1つの実施態様において、中立的立会人100は当事者を接続する通信経路内に存在し得る（通信リンク510、512、および514によって表される）。または、当事者は、通信リンク520、522、および524を介してそれらの間を通信し、特定の取引詳細または通信を、通信リンク510、512、および514を介して中立的立会人100に提出するのみである。

【0104】本発明の実施態様についての以上の説明は、例示および説明の目的にのみ提示された。それらは、本発明を開示された形態で説明し尽くすものではなく、且つ限定することを意図するものではない。当業者には、多くの改変および変更が明らかとなる。したがって、以上の開示は発明を限定することを意図するものではない。発明の範囲は、添付の請求の範囲によって規定される。

【0105】電子取引の全詳細または選択された詳細に立ち会い、且つ記録する、中立的立会人が提供される。取引は、インターネットまたは他の分散型通信チャネルを介して通信する、多数の当事者を伴い得る。1人の当事者が取引を開始した場合、当事者は、信用通信リンクを介して中立的立会人に接続する。次いで、1人以上の当事者が、取引に関する全詳細または選択された詳細を受け渡す。中立的立会人に提出される詳細は、その取引が行われるプロトコルにしたがって識別される。中立的立会人は、後に取引に関する係争の解決に用いるために、その詳細を確実に記憶する。中立的立会人は、全通信（例えば、ウェブページ）、通信の選択された部分、またはメッセージダイジェストを記憶し得る。または、中立的立会人は、当事者間の通信経路内に位置づけられ、したがって、記録される情報および詳細を自動的に取り出し得る。

【0106】

【発明の効果】本発明によると、電子商取引の詳細が中立的立会人により保存される方法が提供される。中立的立会人は、取引に関与する2以上の当事者と特定のプロトコルを用いて信用通信リンクを確立する。この取引では、取引およびその取引に関与するを識別するために、取引の当事者は中立的立会人に対して取引識別子を提供する。それにより、中立的立会人は取引の全当事者を識別することが出来る。従って、中立的立会人は特定のプロトコルに従って、関係のある取引詳細を自動的に取り出し、保存することができる。

【図面の簡単な説明】

【図1】本発明の1つの実施態様による、2人の当事者の間の電子取引のブロック図であり、その電子取引では中立的立会人が取引の拒絶を防ぐ。

【図2】本発明の別の実施態様による、2人の当事者の間の電子取引のブロック図であり、その電子取引では、中立的立会人が取引の拒絶を防ぐ。

【図3】本発明の1つの実施態様による、中立的立会人が電子取引に立ち会うために呼び出される、ブロック図である。

【図4】図3に示される、本発明の実施態様を実行する際に伴う動作のいくつかを示す、フローチャートである。

25

【図5】本発明の1つの実施態様による、中立的立会人によって監視される当事者が2人以上関与する電子取引のブロック図である。

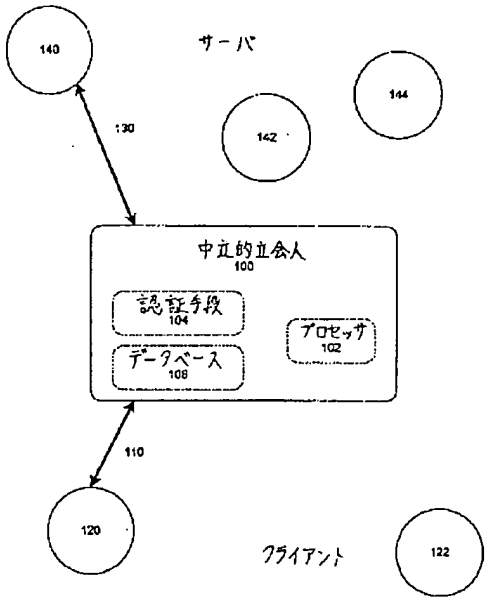
【符号の説明】

100　中立的立会人
102　プロセッサ
104　認証手段
106　データベース

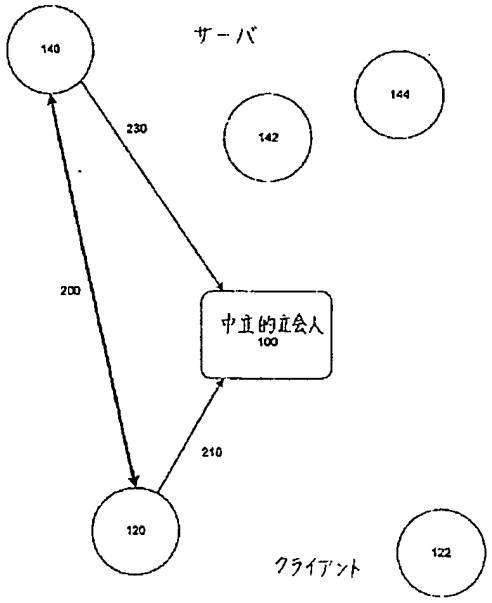
26

110、130、510、512、514、520、522、524　通信リンク
120　クライアント
140　サーバ
500　第1の当事者
502　第2の当事者
504　第Nの当事者

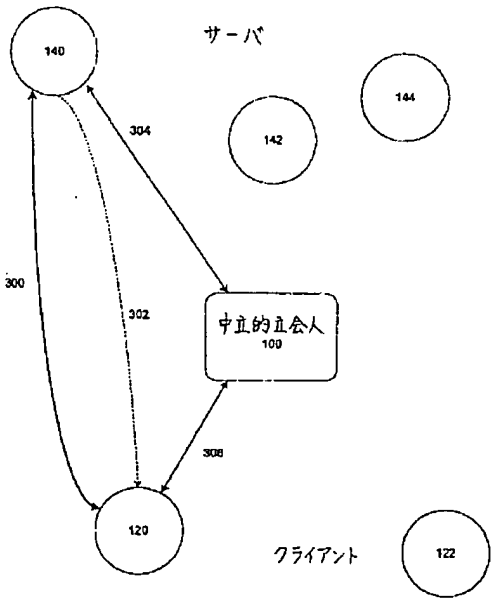
【図1】



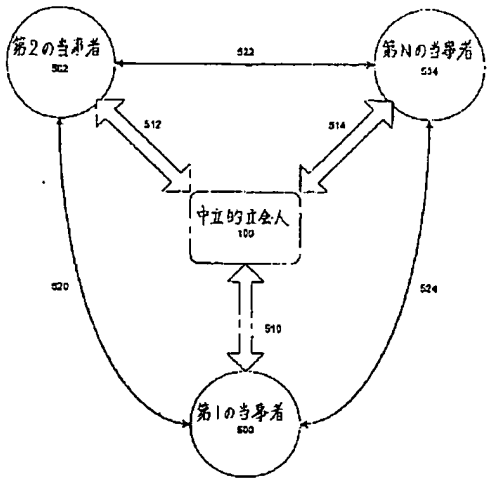
【図2】



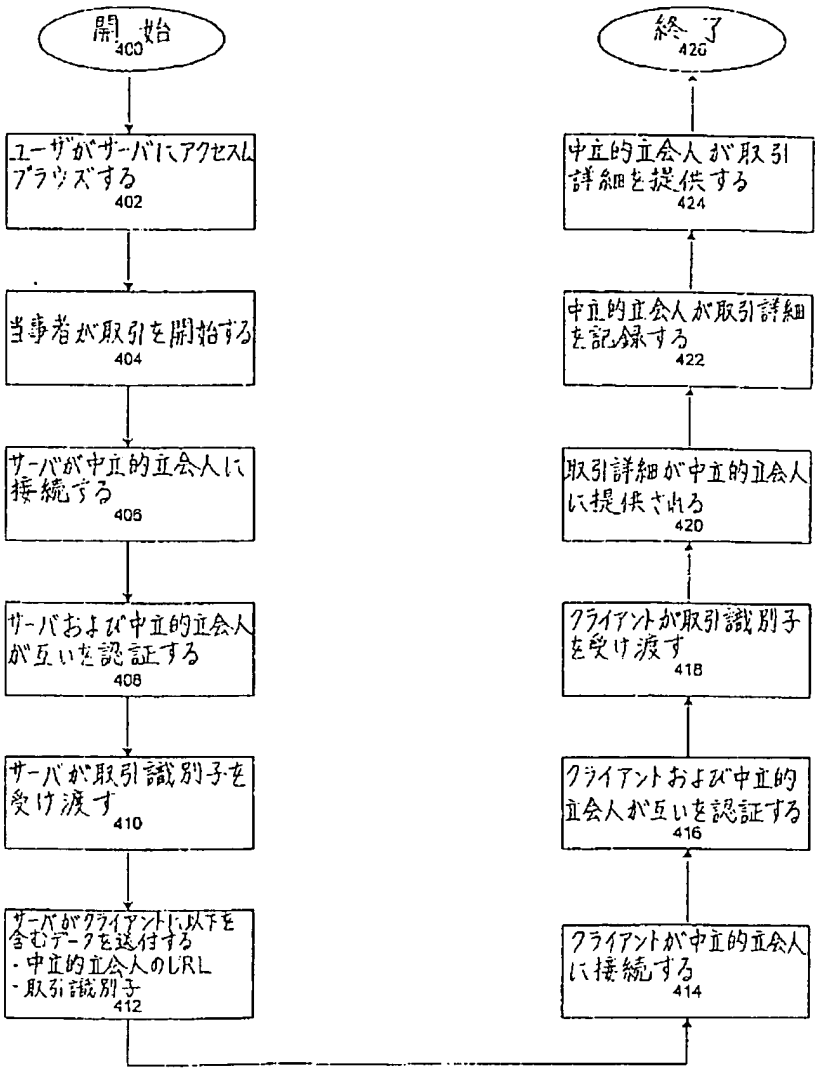
【図3】



【図5】



【図4】


開始
400
ユーザがサーバにアクセスしブラウズする
402
当事者が取引を開始する
404
サーバが中立的立会人に接続する
406
サーバおよび中立的立会人が互いを認証する
408
サーバが取引識別子を受け渡す
410
サーバがクライアントに以下を含むデータを送付する
・中立的立会人のURL
・取引識別子
412
クライアントが中立的立会人に接続する
414
クライアントおよび中立的立会人が互いを認証する
416
クライアントが取引識別子を受け渡す
418
取引詳細が中立的立会人に提供される
420
中立的立会人が取引詳細を記録する
422
中立的立会人が取引詳細を提供する
424
終了
426

```
Set       I?  ?3   Description
S1          ?39   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2     237? 42   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
                 WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
                 OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
                 CE OR ECOMMERCE
S3      61?198   TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS? OR BU-
                 YING OR SELLING
S4     236?168   INFORMATION OR DATA OR INFO
S5      5?. ?9   PERSONAL OR PRIVATE OR SENSITIV?
S6       6? 45   CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR HIDDEN -
                 OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?)
S7     189?191   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S8     132?.24   AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR PARTIES
                 OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CONSUMER? -
                 OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RETAILER?
S9       1?525   S2(3N)S3
S10         ?1   S4(5N)S6
S11         . 3   S10(10N)S8
S12          ?6   S11 AND S9
S13          35   S12 AND IC=G06F-017/60
?show fil..
File 347:J.PIO Oct 1976-2002/Jun(Updated 021004)
         (?) 2002 JPO & JAPIO
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200270
         ?  2002  Thomson Derwent
```

13/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07214807 **Image available**
METHOD AND DEVICE FOR EXECUTING AUTOMATED TRANSACTION

PUB. NO.: 2002-083245 [JP 2002083245 A]
PUBLISHED: March 22, 2002 (20020322)
INVENTOR(s): CANNON THOMAS CALVIN JR
APPLICANT(s): AVAYA TECHNOLOGY CORP
APPL. NO.: 2001-218958 [JP 20011218958]
FILED: July 19, 2001 (20010719)
PRIORITY: 00 618962 [US 2000618962], US (United States of America), July 19, 2000 (20000719)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a server for operating the execution of automatic transactions, including the security for the **secret information** and private **information** of a **user** and using method of the server.

SOLUTION: When making a purchase, rather than a user transmitting private verification information to a seller, the seller makes a contact with a controlled server 100. During the contact from the seller to the controlled server 100, the seller specifies the user, arbitrary non-personal information concerning the user grasped by the seller and the nature of the transaction. When the purchase is proper, the controlled **server** 100 authorizes the **transaction** to the seller. Accordingly, there is the user not need what so ever for to transmit the personal management information to the seller. It is sufficient that the seller only know whether the transaction has been authorized, and further exchange of information is not made.

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13/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07195124 **Image available**
ELECTRONIZED DATA SELLING SYSTEM

PUB. NO.: 2002-063529 [JP 2002063529 A]
PUBLISHED: February 28, 2002 (20020228)
INVENTOR(s): KOBAYASHI SHIGEKI
HIGUCHI TAKEMITSU
APPLICANT(s): VISTE KK
HIGUCHI TAKEMITSU
APPL. NO.: 2000-293143 [JP 2000293143]
FILED: August 21, 2000 (20000821)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system which makes it possible to buy data from an electronized data **selling** system through the **Internet** while personal **information** on a **user** is kept **secret** .

SOLUTION: An individual authenticating server 2 issues an ID number and a password to the user 1 as notice of the registration of the personal information. The user 1 buys data by the electronized data selling system 3 through the Internet by using only the reported ID number and password. The electronized data selling system 3 can authenticate only the ID number and password of the user 1 having bought the data, so that the user 1 can not be specified. The electronized data selling system 3 sends a request 9 to authenticate the ID number and password that the user 1 has used to an individual authenticating server 2. The user 1 shows the ID number,

receives (13) electronized data from a distribution company 5, and pays (14) the charge of the data to the distribution company 5.

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13/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07181485 **Image available**
METHOD AND SYSTEM FOR ELECTRONICALLY PERFORMING BUSINESS

PUB. NO.: 2002-049876 [JP 2002049876 A]
PUBLISHED: February 15, 2002 (20020215)
INVENTOR(s): CHARLES PHILIP TRACER
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.: 2001-156741 [JP 20011156741]
FILED: May 25, 2001 (20010525)
PRIORITY: 00 578474 [US 2000578474], US (United States of America), May 26, 2000 (20000526)
INTL CLASS: **G06F-017/60** ; G09C-001/00; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a structure by which a potential customer can perceive that privacy and security on e-commerse are increased.

SOLUTION: The method (and a system) for electronically performing a business between the first interested party and the second interested party is realized by providing the third interested party (system) who knows identification data on the first party but does not know privacy-related information on a suggested **electronic** business **transaction** between the first party and the second party and performing the **electronic** business **transaction** between the first **party** and second **party** through the third **party** so that identification **data** of the first **party** is **hidden** from the second **party** .

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13/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2002 JPO & JAPIO. All rts. reserv.

07146780 **Image available**
AGENCY SYSTEM FOR HOUSE OR HOUSE EQUIPMENT

PUB. NO.: 2002-015159 [JP 2002015159 A]
PUBLISHED: January 18, 2002 (20020118)
INVENTOR(s): TANAKA KANEO
KANEKO KENICHI
OGASAWARA MASAHIRO
APPLICANT(s): AISIN SEIKI CO LTD
APPL. NO.: 2000-196418 [JP 2000196418]
FILED: June 29, 2000 (20000629)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To provide user's desired specifications as a three-dimensional picture to support the setting of specifications of a house, which the user desires, within an estimate and to support trader selection by bids.

SOLUTION: A server of a mediator generates a three-dimensional picture of a house or house equipment on the basis of inputted basic specifications and transmits it to a **user** terminal machine. When an entry signal is inputted, **information** which specifies the **user** is **hidden** to register an entry number of the **user** , the estimate, the basic specifications, and

the three-dimensional picture in a bid part of the **server** as a **purchase** desire object, and traders peruse purchase desire objects registered in the bid part and designate an object, of which they desire to receive order, and transmit estimate specifications and expenses to the server, and the server **hides information** , which specifies the **traders** , to deliver register numbers of the **traders** , estimate specifications, and expenses to an E mail address of the user, and the user is introduced to a selected trader when the register number of the selected trader is transmitted to the server.

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13/5/5 **(Item 5 from file: 347)**
DIALOG(R)File 347:JAPIO
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07116882 **Image available**
METHOD AND SYSTEM FOR ELECTRONIC SETTLEMENT AND STORAGE MEDIUM WITH PROGRAM FOR ELECTRONIC SETTLEMENT STORED THEREIN

PUB. NO.: 2001-344550 [JP 2001344550 A]
PUBLISHED: December 14, 2001 (20011214)
INVENTOR(s): MOCHIZUKI KAZUHIRO
FUJIMOTO MASAKI
APPLICANT(s): NEC INFORMATEC SYSTEMS LTD
APPL. NO.: 2000-165966 [JP 2000165966]
FILED: June 02, 2000 (20000602)
INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To relieve the burden of a user side who prepares a program for encipherment and signature generation and an electronic certificate and also enable a **seller** side to **conceal user** account **information** such as the credit card number and the bank account number of the user.

SOLUTION: The user outputs an order request to a dealer server by using a user terminal, and the dealer **server** receives the **order** request and outputs a settlement request to both a settlement server and the user terminal. The user receives the settlement request by using the user terminal and sends the settlement request including the user account information such as his/her credit card number and bank account number to the settlement server. The settlement server performs settlement processing after confirming whether the request contents from both sides coincide and returns settlement processing results to the user terminal, and the user terminal returns the settlement processing results to the dealer server.

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13/5/6 **(Item 6 from file: 347)**
DIALOG(R)File 347:JAPIO
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06795375 **Image available**
SYSTEM AND METHOD FOR **ELECTRONIC** COMMERCIAL **TRANSACTION** , AND READABLE RECORDING MEDIUM RECORDING **ELECTRONIC** COMMERCIAL **TRANSACTION** PROGRAM

PUB. NO.: 2001-022856 [JP 2001022856 A]
PUBLISHED: January 26, 2001 (20010126)
INVENTOR(s): KADOBAYASHI MITSUHARU
APPLICANT(s): KADOBAYASHI KOGYO KK
APPL. NO.: 11-199223 [JP 99199223]
FILED: July 13, 1999 (19990713)
INTL CLASS: **G06F-017/60** ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To make clear the commercial transaction right of

selling side to a specified user and to make presentable concrete design change information to the specified user.

SOLUTION: When the specified user watches the commodity information of specified data managing side on a display part 9 of a user personal computer(PC) 2 and downloads that commodity information to a RAM 7 of the user PC 2 for exchanging information with a managing PC 4 of that specified data managing side, that downloaded information of the specified user and specified data managing side is registered on the side of an information managing computer 3. When reading that information, the information of the specified user and specified data managing side (such as user name, manufacture name and drawing number) can be watched only from the side of that managing PC 4 because of information protection by a password. Therefore, in the state of securing the **confidentiality** of **user** access **information**, the counterpart of commercial transaction of the specified **user** and the article the counterpart desires to purchase (manufacture and drawing number) are made clear on the selling side.

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13/5/7 **(Item 7 from file: 347)**
DIALOG(R)File 347:JAPIO
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06682268 **Image available**
ELECTRONIC INFORMATION **PURCHASING** METHOD AND PROGRAM RECORDING MEDIUM

PUB. NO.: 2000-268097 [JP 2000268097 A]
PUBLISHED: September 29, 2000 (20000929)
INVENTOR(s): SOMA HIROYUKI
TANAKA HIROKI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)
APPL. NO.: 11-073116 [JP 9973116]
FILED: March 18, 1999 (19990318)
INTL CLASS: **G06F-017/60** ; G09C-001/00; H04L-009/08; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To protect the privacy of a **user** by allowing the user to **hide** purchasing content **information** from persons except for the user including a store so as to **hide** using store **information** from a settling person.

SOLUTION: A **user** device 13 selects desired contents from contents distributed from a contents distribution company 11, applies purchase to a key generating person device 12. The device 12 receiving the purchase application executes credit confirmation and a paying money securing request to a settling person device 14 and sends settling information sent from the device 13. The device 14 inquires credit and returns a collating result to the device 12. The device 12 receiving this information delivers a decoding key to the device 13 to inform the device 13 of only a ciphering key corresponding to the delivered decoding key to hide the name of the user and the decoding key.

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13/5/8 **(Item 8 from file: 347)**
DIALOG(R)File 347:JAPIO
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06636548 **Image available**
METHOD AND DEVICE FOR REALIZING MULTIPLE SECURITY CHECK POINT

PUB. NO.: 2000-222362 [JP 2000222362 A]
PUBLISHED: August 11, 2000 (20000811)
INVENTOR(s): KWOK THOMAS Y
MOK LAWRENCE S
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)

APPL. NO.: 2000-002513 [JP 20002513]
FILED: January 11, 2000 (20000111)
PRIORITY: 237387 [US 99237387], US (United States of America), January 26, 1999 (19990126)
INTL CLASS: G06F-015/00; **G06F-017/60** ; G06T-007/00; G09C-001/00; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and system for executing electronic commercial **transactions** through the **internet** by realizing security for accessing and retrieving individual information in a card.

SOLUTION: An individual web site including individual or private information is stored in an individual smart Java card. Before a user accesses a site stored in the card, the user is certified according to any one of the PIN, facial image, finger image, eye image, voice characteristics and fingerprints, or the combination of them. Moreover, an encryption engine 210 in the card decodes and compares an input PIN combined with a secrecy key or a security certificate, and verifies the identification of the user. Before a bank account is freely accessed by a user , the computer system of the bank checks the combined **secrecy data** at multiple check points by using an internet security protocol through a web browser for guaranteeing the authenticity of the card and the identification of the user.

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13/5/9 **(Item 9 from file: 347)**
DIALOG(R)File 347:JAPIO

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06462511 **Image available**
METHOD AND DEVICE FOR GENERATING INVESTIGATION INFORMATION

PUB. NO.: 2000-048085 [JP 2000048085 A]
PUBLISHED: February 18, 2000 (20000218)
INVENTOR(s): MATYAS JR STEPHEN M
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.: 11-125421 [JP 99125421]
FILED: May 06, 1999 (19990506)
PRIORITY: 79637 [US 9879637], US (United States of America), May 15, 1998 (19980515)
INTL CLASS: **G06F-017/60** ; G06F-012/14; G09C-001/00; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To reinforce the functions of an electronic payment system for allowing a buyer to purchase a product by transmitting an electronic payment **order** to a seller so as to provide product investigation information.

SOLUTION: A buyer 10 generates a certification code as an one-way funtion of a secret value generated at random and includes the certification code in a payment order. At the time of providing investigation information to an evaluator 10 thereafter, the **buyer** 10 includes the **secret** value in the investigation **information** . The evaluator 50 provides information for identifying a transaction and the secret value to a buyer's payment demanding system to verify the purchase transaction. The buyer's payment demanding system extracts a certification code from transaction information received from a seller 20, compares the extracted code with a code regenerated from the secret value by using the one-way function and transmits the compared result to the evaluator 50, which uses the investigation information at the time of certificating that the certification code is related to a practical transaction between the buyer 10 and the seller 20.

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13/5/10 **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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014835951 **Image available**
WPI Acc No: 2002-656657/200270
Related WPI Acc No: 2001-408224
XRPX Acc No: N02-519114
Value **storing method for business** transaction , **involves** electronically sending **money to recipient and debiting stored value account of potential purchaser**
Patent Assignee: FIRST DATA CORP (FIRS-N)
Inventor: SEIFERT D A; THOMPSON M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020104878	A1	20020808	US 99427249	A	19991026	200270 B
			US 2001975171	A	20011010	
			US 200240568	A	20020104	

Priority Applications (No Type Date): US 200240568 A 20020104; US 99427249 A 19991026; US 2001975171 A 20011010
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020104878	A1		19	G06F-017/60	CIP of application US 99427249 CIP of application US 2001975171

Abstract (Basic): US 20020104878 A1
NOVELTY - An electronic record of money received from a potential purchaser is stored in the corresponding account. The money is electronically sent to a recipient and the stored value account is debited.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for money transferring method.
USE - For business transactions.
ADVANTAGE - The electronic money transfer reduces the cumbersome nature of money transfer and keeps the **information** about the **buyer** and **seller confidential** .
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network interface system.
pp; 19 DwgNo 1B/5
Title Terms: VALUE; STORAGE; METHOD; BUSINESS; TRANSACTION; ELECTRONIC; SEND; MONEY; RECIPIENT; STORAGE; VALUE; ACCOUNT; POTENTIAL; PURCHASE
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/11 **(Item 2 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014806362 **Image available**
WPI Acc No: 2002-627068/200267
XRPX Acc No: N02-495975
Electronic **information system for** purchase **order system, enables** customer **to access through communication device, to generate purchase** order
Patent Assignee: BERRY A (BERR-I); CHEN P (CHEN-I); GEMEINHARDT D (GEME-I); NEITZEL C (NEIT-I); PANELLI E (PANE-I)
Inventor: BERRY A; CHEN P; GEMEINHARDT D; NEITZEL C; PANELLI E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020095345	A1	20020718	US 2000234725	A	20000922	200267 B
			US 2000234726	A	20000922	
			US 2001682574	A	20010921	

Priority Applications (No Type Date): US 2001682574 A 20010921; US

2000234725 P 20000922; US 2000234726 P 20000922
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20020095345 A1 21 G06F-017/60 Provisional application US 2000234725

Provisional application US 2000234726

Abstract (Basic): US 20020095345 A1
NOVELTY - The electronic information system is accessed by a customer through a communication device, to generate a **purchase** order **electronically** for periodic delivery of a product, goods, or services.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:
(1) Purchase order generating program;
(2) Method for providing customer with desired product, goods, or services in periodic basis;
(3) Method of operating electronic information system; and
(4) Method of using electronic information system.
USE - For purchase order system for supporting supplier to periodically provide desired quantity of products, goods and services at desired frequency of delivery to customer.
ADVANTAGE - Enables customer to **electronically** generate a purchase **order** to a supplier easily. Prevents unauthorized person from obtaining access of **confidential information**, by authentically customer 's **information**. Enables the **customer** to add or delete products, goods or services to be delivered.
DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of electronic communication system.
pp; 21 DwgNo 1/13
Title Terms: ELECTRONIC; INFORMATION; SYSTEM; PURCHASE; ORDER; SYSTEM; ENABLE; CUSTOMER; ACCESS; THROUGH; COMMUNICATE; DEVICE; GENERATE; PURCHASE; ORDER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/12 **(Item 3 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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014790013 **Image available**
WPI Acc No: 2002-610719/200266
XRPX Acc No: N02-483672
Processing electronic transactions **by mobile** user **equipment** modified **or updated to exchange** confidential **or private** information between **two or more** parties
Patent Assignee: NOKIA CORP (OYNO); NOKIA MOBILE PHONES LTD (OYNO)
Inventor: COFTA P; HYYPPAE P; MARKKANEN P S; PIIKIVI L; MARKKANEN P
Number of Countries: 026 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
EP 1237132 A2 20020904 EP 2002250989 A 20020213 200266 B
GB 2372865 A 20020904 GB 20015264 A 20010302 200266

Priority Applications (No Type Date): GB 20015264 A 20010302
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
EP 1237132 A2 E 12 G07F-019/00
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR
GB 2372865 A G07F-007/08

Abstract (Basic): EP 1237132 A2
NOVELTY - A service provider (12) controls any modification operation of the transaction mechanism of the mobile station (1). Mobile station communicates with the base transceiver station (10) of the cellular system and comprises a display (2) and an input device

with control buttons, while an external antenna element (4) is also provided. The station has a processor (6) and a data store (7) to facilitate transactions with other parties.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an arrangement for processing **electronic transactions** and for user equipment.

USE - Processing **electronic transactions** on mobile user equipment e.g. computer, mobile phone, PDA or organizer, with provision to update or modify mobile user equipment transaction mechanism.

ADVANTAGE - Permitting modification of transaction mechanism.

DESCRIPTION OF DRAWING(S) - The drawing shows the equipment

Mobile station (1)

Processor (6)

Storage (7)

Base station (10)

Service provider (12)

Antenna (4)

pp; 12 DwgNo 1/3

Title Terms: PROCESS; ELECTRONIC; TRANSACTION; MOBILE; USER; EQUIPMENT; MODIFIED; UPDATE; EXCHANGE; CONFIDE; PRIVATE; INFORMATION; TWO; MORE; PARTY

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): G07F-007/08; G07F-019/00

International Patent Class (Additional): **G06F-017/60** ; G07F-007/00; G07F-007/10

File Segment: EPI

13/5/13 **(Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014786802 **Image available**

WPI Acc No: 2002-607508/200265

XRPX Acc No: N02-481089

Electronic **transaction device for use in e-commerce, has identifier** which provides **no apparent identification of authorized** user **, and** storage device **having private storage area for storing** confidential data

Patent Assignee: TOBIN C M (TOBI-I)

Inventor: TOBIN C M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020077992	A1	20020620	US 2000254338	A	20001208	200265	B
			US 2001977742	A	20011015		

Priority Applications (No Type Date): US 2000254338 P 20001208; US 2001977742 A 20011015

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020077992	A1		15	G06F-017/60	Provisional application US 2000254338

Abstract (Basic): US 20020077992 A1

NOVELTY - The device includes an identifier which provides no apparent identification of an authorized user (140). The identifier communicates with a system through a communication logic to perform a transaction. A detachable memory storage device is provided with a private storage area for storing confidential data that is to be encrypted with a key stored within the transaction device memory.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Electronic system;

(2) Method for permitting user to conduct **electronic** commerce transaction ; and

(3) Machine readable medium storing **electronic** commerce transaction conduction program.

USE - For performing **transaction** over **internet** and through point-of-sale (POS) terminal in electronic commerce.

ADVANTAGE - Enables the user to conduct **electronic** commerce

transactions without compromising user's personal identification information and identity, and also provides enhanced direct marketing for vendors. Enables data to remain inaccessible without personal transaction device when storage device is lost or stolen, by storing the data within private storage area.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of secure transaction system.

Authorized user (140)

pp; 15 DwgNo 1/7

Title Terms: ELECTRONIC; TRANSACTION; DEVICE; IDENTIFY; NO; APPARENT; IDENTIFY; AUTHORISE; USER; STORAGE; DEVICE; PRIVATE; STORAGE; AREA; STORAGE; CONFIDE; DATA

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/14 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014779294 **Image available**

WPI Acc No: 2002-600000/200264

XRPX Acc No: N02-475605

Electronic commerce settling method for electronic transactions has electronic commerce service

Patent Assignee: AYABE H (AYAB-I)

Inventor: AYABE H

Number of Countries: 099 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200265362	A1	20020822	WO 2002JP1144	A	20020212	200264	B

Priority Applications (No Type Date): JP 200136839 A 20010214

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200265362	A1	J	30	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200265362 A1

NOVELTY - A settling system by which a use can do an **electronic transaction** safely and conveniently on the Internet without using any personal **secret information** such as a credit card number. A **user** terminal (1-1) sets up a connection with an electronic commerce service (ECS) device (1-7) by using the IP (Internet Protocol) address which is assigned when connected with an Internet service provider (ISP) device (1-3) through a public network or a leased line (1-2), and orders.

USE - Electronic commerce settling method for **electronic transactions**

DESCRIPTION OF DRAWING(S) - User terminal (1-1)

Electronic commerce service (ECS) device (1-7)

Internet service provider (ISP) device (1-3)

Leased line (1-2)

pp; 30 DwgNo 1/4

Title Terms: ELECTRONIC; SETTLE; METHOD; ELECTRONIC; TRANSACTION; ELECTRONIC; SERVICE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/15 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014777587 **Image available**
WPI Acc No: 2002-598293/200264
XRPX Acc No: N02-474460
Secure purchase transaction method for E - commerce payment system, involves encrypting customer information which is forwarded to financial institution through merchant over network
Patent Assignee: CARROTT R F (CARR-I); PHEIR H H (PHEI-I)
Inventor: CARROTT R F; PHEIR H H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020069177	A1	20020606	US 2000726304	A	20001201	200264	B

Priority Applications (No Type Date): US 2000726304 A 20001201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020069177	A1		10	H04K-001/00	

Abstract (Basic): US 20020069177 A1
NOVELTY - The customer information in a storage device (112) of a customer computer (100) is encrypted. The encrypted information is forwarded to a merchant (140) and a financial institution (150) over a network (170). The encrypted customer information is decrypted at the financial institution for returning a purchase authorization decision to the merchant over the network.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for purchase transaction securing system.
USE - For secured **purchase transaction** in **electronic** commerce (E - **commerce**) payment system.
ADVANTAGE - The merchant receives only the encrypted **customer** information and never gains access to the **customers confidential** information such as credit card number, thus security is enhanced.
DESCRIPTION OF DRAWING(S) - The figure shows the purchase transaction securing system.
Customer computer (100)
Storage device (112)
Merchant (140)
Financial institution (150)
Network (170)
pp; 10 DwgNo 1/3
Title Terms: SECURE; PURCHASE; TRANSACTION; METHOD; PAY; SYSTEM; CUSTOMER; INFORMATION; FORWARDING; FINANCIAL; INSTITUTION; THROUGH; MERCHANT; NETWORK
Derwent Class: T01; T05; W01
International Patent Class (Main): H04K-001/00
International Patent Class (Additional): **G06F-017/60** ; H04L-009/00
File Segment: EPI

13/5/16 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014763428 **Image available**
WPI Acc No: 2002-584132/200262
XRPX Acc No: N02-463219
Payment via mobile phone between vendor and purchaser , uses server as authentication and payment link between vendor and buyer
Patent Assignee: FRANCE TELECOM SA (ETFR); FRANCE TELECOM (ETFR)
Inventor: PAILLES J C; PAILLES J
Number of Countries: 100 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200265314	A1	20020822	WO 2002FR153	A	20020116	200262	B
FR 2820855	A1	20020816	FR 20011900	A	20010212	200265	

Priority Applications (No Type Date): FR 20011900 A 20010212

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200265414 A1 F 25 G07F-019/00
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
FR 2820853 A1 G06F-017/60

Abstract (Basic): WO 200265414 A1

NOVELTY - The purchaser verifies the vendors identification (11) at a first stage.(a) or at a following stage (b) and if the result of the verification is positive, during the course of a stage (c), the **purchaser** sends to a **server** (T) confidential data (3) allowing payment of a monetary sum. The equipment (E1) of the vendor is a GSM type mobile phone. The equipment of the purchaser (E2) is the same generation mobile phone as the vendor.

DETAILED DESCRIPTION - Method of tele-payment between a vendor and buyer using three entities. The vendor has a first identifier (I1) and telecommunication equipment (E1). The buyer has a second identifier (I2) and a GSM type mobile phone (E2). The vendor and buyer have access to a payment server (T) via their telecommunication systems. The method includes a preliminary exchange established between vendor and buyer concerning a payment transaction of an outstanding monetary amount. Following the preliminary stage the method includes the following data exchanges: (a) the **buyer** sends non **confidential information** (1) to the server (T), including data relative to the vendor as well as the outstanding price (MT); (b) the server (T) authenticates the identity (I1) of the vendor from the received data (1) and sends to the buyer in response a message (2) for a payment order for the amount (MT). The message includes at least the amount (MT) and the vendors (V) identifier (I1).

USE - For selling and buying transactions using GSM type mobile phones.

ADVANTAGE - Designed to reduce the cost by using a server to which both vendor and buyer subscribe to, server verifies authenticity of vendor to buyer.

DESCRIPTION OF DRAWING(S) - The drawing shows the system components(the drawing contains non-English language text)

vendor (E)
purchaser (E2)
server (T)
vendors identifier (I1)
buyers identifier (I2)
amount (MT)
pp; 25 DwgNo 1/1

Title Terms: PAY; MOBILE; TELEPHONE; VENDING; PURCHASE; SERVE; AUTHENTICITY ; PAY; LINK; VENDING; BUY
Derwent Class: T01; T05; W01; W02
International Patent Class (Main): **G06F-017/60** ; G07F-019/00
International Patent Class (Additional): G07F-007/00; H04M-017/00
File Segment: EPI

13/5/17 (Item **8 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014639571 **Image available**
WPI Acc No: 2002-460275/200249
XRPX Acc No: N02-363364
Direct deal system for real estate transaction **through** internet , **potentiates real estate** transaction **between buyer and seller by implementing agent for each process of real estate business by direct deal** management **server**
Patent Assignee: FURUKAWA Y (FURU-I); IKUTA K (IKUT-I)

Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002140566 A 20020517 JP 2000375278 A 20001101 200249 B

Priority Applications (No Type Date): JP 2000375278 A 20001101
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002140566 A 3 G06F-017/60

Abstract (Basic): JP 2002140566 A
NOVELTY - A direct deal management server (2) judges the terms and conditions of real estate transaction between a **buyer** (3) and a **seller** (1), and stores the **secret information** about the auction to be performed. The **server** potentiates real estate **transaction** between buyer and seller by implementing an agent (5) for each process of business about real estate transactions.
USE - For performing real estate **transaction** through **internet** .
ADVANTAGE - The distribution of real estate transaction becomes easier, when an agent is requested to perform real estate transaction. The real estate transaction is performed economically, since other brokering is not involved in the process.
DESCRIPTION OF DRAWING(S) - The figure shows the direct selling system. (Drawing includes non-English language text).
Seller (1)
Direct deal management server (2)
Buyer (3)
Agent (5)
pp; 3 DwgNo 1/1
Title Terms: DIRECT; DEAL; SYSTEM; REAL; ESTATE; TRANSACTION; THROUGH; REAL ; ESTATE; TRANSACTION; BUY; IMPLEMENT; AGENT; PROCESS; REAL; ESTATE; BUSINESS; DIRECT; DEAL; MANAGEMENT; SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/18 (Item **9 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014595426 **Image available**
WPI Acc No: 2002-416130/200244
XRPX Acc No: N02-327432
Group initiative execution method for purchasing products over internet , involves accepting counter offer from sellers in response to offered prices, so as to satisfy specified requirements of buyer
Patent Assignee: MYGROUPBUY INC (MYGR-N)
Inventor: MOFFETT R P
Number of Countries: 096 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200223445 A2 20020321 WO 2001US28753 A 20010911 200244 B
AU 200192665 A 20020326 AU 200192665 A 20010911 200251

Priority Applications (No Type Date): US 2000231619 P 20000911
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200223445 A2 E 57 G06F-017/60
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200192665 A G06F-017/60 Based on patent WO 200223445

Abstract (Basic): WO 200223445 A2
NOVELTY - Several members define different prices for a same

category of issues to be negotiated with the sellers (911) and offers the defined prices for consideration by the sellers. The seller respond individually to the members by providing counter-offer. The members accept the counter-offer from a seller, so as to satisfy specified requirements of the buyer (915).

USE - For executing group initiative for purchasing products or services such as office products, utilities, maintenance services, fuel, packaging, travel, waste removal, batteries, etc., over network such as internet, intranet, LAN, WAN, broadcast network.

ADVANTAGE - Allows **buyer** to keep the **information** **confidential** and buy exactly the desired product.

DESCRIPTION OF DRAWING(S) - The figure shows the customizable group initiative system.

Seller (911)

Buyer (915)

pp; 57 DwgNo 1/9

Title Terms: GROUP; EXECUTE; METHOD; PURCHASE; PRODUCT; ACCEPT; COUNTER; OFFER; RESPOND; OFFER; PRICE; SO; SATISFY; SPECIFIED; REQUIRE; BUY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/19 (Item **10 from file: 350**)

DIALOG(R)File 350:Derwent WPIX

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014595423 **Image available**

WPI Acc No: 2002-416127/200244

Related WPI Acc No: 2001-335397; 2002-618618

XRPX Acc No: N02-327429

Online cash transaction **method involves retrieving cash card number using card reader and routing any one card number to issuing system as certified processor**

Patent Assignee: NETSPEND CORP (NETS-N)

Inventor: JOSA B; SOSA R

Number of Countries: 096 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200223441	A1	20020321	WO 2001US28556	A	20010913	200244	B
AU 200190836	A	20020326	AU 200190836	A	20010913	200251	

Priority Applications (No Type Date): US 2000661724 A 20000914

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200223441	A1	E	88	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200190836 A G06F-017/60 Based on patent WO 200223441

Abstract (Basic): WO 200223441 A1

NOVELTY - Each of charge numbers including respective card number is encoded into corresponding cash card (305). The number of each cash card is retrieved using a card reader (309) of charge settle network (115). The charge settlement network is configured to route any of the card numbers to issuing system (107) as certified processor.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Transaction system;

(b) Cash card activation method

USE - For **online** cash **transaction** using cash card such as debit or credit card.

ADVANTAGE - Issuing system remains anonymous and their corresponding personal **information** remains **confidential** regardless of affiliate participation. Provides **user** with valid card numbers for

any purchase **transaction** through **online** /telephone **transactions** and hence eliminates the potential credit theft and fraud.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the charge number issuing and processing system.

Issuing system (107)

Charge settle network (115)

Cash card (305)

Card reader (309)

pp; 28 DwgNo 3/9

Title Terms: CASH; TRANSACTION; METHOD; RETRIEVAL; CASH; CARD; NUMBER; CARD ; READ; ROUTE; ONE; CARD; NUMBER; ISSUE; SYSTEM; CERTIFY; PROCESSOR

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/20 (Item **11 from file: 350**)

DIALOG(R)File 350:Derwent WPIX

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014584412 **Image available**

WPI Acc No: 2002-405116/200243

XRPX Acc No: N02-318029

Consumer transaction processing system in bank, has transaction server **for providing transaction process including confidential encryption algorithm to consumer computer, after receiving authorization grant**

Patent Assignee: RG TECQ INC (RGTE-N)

Inventor: PATAWARAN R

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200227624	A1	20020404	WO 2001US30758	A	20011001	200243	B
AU 200194952	A	20020408	AU 200194952	A	20011001	200252	

Priority Applications (No Type Date): US 2000676343 A 20000929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200227624	A1	E	28	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200194952 A G06F-017/60 Based on patent WO 200227624

Abstract (Basic): WO 200227624 A1

NOVELTY - A **transaction server** (20) provides a **transaction** process including a confidential encryption algorithm, to a consumer computer (12) through the Internet (14) to which merchant server (16) is coupled, after receiving an authorization grant from a processing network (26), in response to an authorization request.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Consumer transaction processing method;

(b) Transaction process

USE - In financial institutions such as bank or credit card institution.

ADVANTAGE - Since the **confidential information** is not provided to merchant server and not retained by the **transaction server** , illegal access of the confidential information is prevented, thereby enhancing the security of the information.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the consumer transaction processing system.

Consumer computer (12)

Internet (14)

Merchant server (16)

Transaction **server** (20)

Processing network (26)

p; ; 28 DwgNo 1/3
Title Terms: CONSUME; TRANSACTION; PROCESS; SYSTEM; BANK; TRANSACTION; SERVE; TRANSACTION; PROCESS; CONFIDE; ENCRYPTION; ALGORITHM; CONSUME; COMPUTE; AFTER; RECEIVE; AUTHORISE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/21 (Item **12 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014561841 **Image available**
WPI Acc No: 2002-382544/200241
XRPX Acc No: N02-299460
Internet third-party authentication using electronic tickets involves verifying information is added to document about each of the parties and an expiration time in order to validate document
Patent Assignee: WACHOVIA CORP (WACH-N); JANCULA J J (JANC-I)
Inventor: JANCULA J J
Number of Countries: 095 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200213016	A1	20020214	WO 2001US24813	A	20010808	200241	B
US 20020032868	A1	20020221	US 2000223825	P	20000808	200241	
			US 2001924712	A	20010808		
AU 200184754	A	20020218	AU 200184754	A	20010808	200244	

Priority Applications (No Type Date): US 2000223825 P 20000808; US 2001924712 A 20010808
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200213016	A1	E	43	G06F-011/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020032868	A1	H04L-009/32	Provisional application US 2000223825	
AU 200184754	A	G06F-011/30	Based on patent WO 200213016	

Abstract (Basic): WO 200213016 A1

NOVELTY - Method facilitates third- **party agents** to securely access **customer** 's (105) personal and **confidential information** on the Internet. A security document or ticket is presented to the party for verifying the customer's consent to grant such access to the third party . The **party** only communicates such **confidential information** to the third **party** if the security document is found to be valid. The security document can be encrypted (106).

DETAILED DESCRIPTION - INDEPENDENT CLAIM is also included for the following:computer readable medium; apparatus

USE - For the **purchasing** over **Internet** .

ADVANTAGE - Provides an electronic document (ticket), for example, that proves that two or more parties consent to allow a third **party** (or more **parties**) secure verified access to **confidential** information . Creates an electronic document (ticket), for example, that is very difficult (almost impossible) to forge or modify without the creator's consent. Eliminates, or substantially minimizes, damaging security consequences if it is lost or stolen. Has a limited lifetime - the ticket can't be used after it expires. Can be used by a third party an unlimited number of times (or alternately, if desired in particular situations, for a specified limited number of times) during the ticket's lifetime. Contains a serial number allowing the ticket's approval and usage to be monitored and recorded for auditing purposes. Allows the consenting parties to insert optional information into the ticket for subsequent, future usage.

DESCRIPTION OF DRAWING(S) - The diagram shows an exemplary relationship of the entities involved in exchange of confidential information in relation to the invention
customer's private data (105)
commerce site private key (106)
pp; 43 DwgNo 1A/4
Title Terms: THIRD; PARTY; AUTHENTICITY; ELECTRONIC; TICKET; VERIFICATION; INFORMATION; ADD; DOCUMENT; PARTY; EXPIRE; TIME; ORDER; VALID; DOCUMENT
Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-011/30; H04L-009/32
International Patent Class (Additional): G06F-012/14; **G06F-017/60** ; H04K-001/00; H04L-009/00
File Segment: EPI

13/5/22 (Item **13 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014551041 **Image available**
WPI Acc No: 2002-371744/200240
XRPX Acc No: N02-290538
Method for performing safe transactions in connection with electronic commerce guarantees a distributor of reliable payment and a customer of only debits to his account by the distributor for merchandise matching an agreed price.
Patent Assignee: SIEMENS AG (SIEI)
Inventor: FOELL U
Number of Countries: 021 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200217158	A1	20020228	WO 2001DE3102	A	20010813	200240	B
DE 10040799	A1	20020425	DE 1040799	A	20000821	200240	

Priority Applications (No Type Date): DE 1040799 A 20000821
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200217158	A1	G	17	G06F-017/60	

Designated States (National): US ZA
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

DE 10040799	A1			G07F-019/00	

Abstract (Basic): WO 200217158 A1
NOVELTY - A transaction is carried out via a mobile radiotelephone network (MRTN) (11). A distributor (4) can be sure that payment is reliably initiated. A customer (1) can be sure that only the price (9) for the corresponding merchandise is debited to his account by the distributor. The customer inquires about his purchase from the distributor via the Internet. The distributor uses the MRTN to inquire about the customer. The MRTN then inquires of the customer.
USE - For making secure **Internet purchases** .
ADVANTAGE - No third person can listen in on the **customer** 's secret account **data** .
DESCRIPTION OF DRAWING(S) - The drawing shows a basic block circuit diagram of a device used in executing a purchase transaction. (Drawing includes non-English language text).
Mobile radiotelephone network (11)
Distributor (4)
Customer (1)
Price (9)
pp; 17 DwgNo 1/1
Title Terms: METHOD; PERFORMANCE; SAFE; TRANSACTION; CONNECT; ELECTRONIC; GUARANTEE; DISTRIBUTE; RELIABILITY; PAY; CUSTOMER; DEBIT; ACCOUNT; DISTRIBUTE; MERCHANDISE; MATCH; AGREE; PRICE
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/60** ; G07F-019/00
International Patent Class (Additional): H04M-003/42
File Segment: EPI

13/5/23 (Item **14 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014434455 **Image available**
WPI Acc No: 2002-305158/200235
XRPX Acc No: N02-238770
Mobile telecommunication network -based sales transaction system for mobile-commerce, has transaction server for checking solvency data relating to payment method and for crediting virtual accounts of merchant
Patent Assignee: ALDATA SOLUTION OYJ (ALDA-N)
Inventor: RAIKKONEN R
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
CA 2344749	A1	20011111	CA 2344749	A	20010424	200235	B
JP 2002007935	A	20020111	JP 2001136260	A	20010507	200235	

Priority Applications (No Type Date): US 2000568591 A 20000511
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2344749	A1	E	29	H04Q-007/20	
JP 2002007935	A		15	G06F-017/60	

Abstract (Basic): CA 2344749 A1
NOVELTY - A merchant server transmits an inquiry message containing customer identification, purchase price, payment method to a transaction **server** , based on information about payment method from a mobile terminal. The **transaction server** checks solvency data relating to payment method and diminishes customer solvency and credits virtual account of the merchant in response to sales details.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Mobile telecommunication **network** -based sales **transaction** method;
(b) Sales **transaction server**
USE - For use in mobile-commerce for performing financial transaction.
ADVANTAGE - Enables customer to buy services quickly and safely using mobile phone or a wireless terminal. Provides purchasing product without any risk of providing **confidential information** and enables merchant to leave all financial and billing routines to m-commerce system based on statistics.
DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining sales transaction method.
pp; 29 DwgNo 5/5
Title Terms: MOBILE; TELECOMMUNICATION; NETWORK; BASED; SALE; TRANSACTION; SYSTEM; MOBILE; TRANSACTION; SERVE; CHECK; DATA; RELATED; PAY; METHOD; VIRTUAL; ACCOUNT; MERCHANT
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/60** ; H04Q-007/20
International Patent Class (Additional): H04L-012/16; H04L-029/02
File Segment: EPI

13/5/24 (Item **15 from file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014462021 **Image available**
WPI Acc No: 2002-282724/200233
XRPX Acc No: N02-220841
Authorization method for automated transactions through Internet , **involves authorizing transactions using server without transmitting private verification information of user to merchant**
Patent Assignee: AVAYA TECHNOLOGY CORP (AVAY-N)
Inventor: CANNON T C

Number of Countries: 028 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1178451	A2	20020206	EP 2001306201	A	20010719	200233	B
CA 2349306	A1	20020119	CA 2349306	A	20010531	200233	
JP 2002083245	A	20020322	JP 2001218958	A	20010719	200236	

Priority Applications (No Type Date): US 2000618962 A 20000719
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1178451	A2	E	6	G07F-019/00	
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
CA 2349306	A1	E		H04L-009/32	
JP 2002083245	A		5	G06F-017/60	

Abstract (Basic): EP 1178451 A2

NOVELTY - A database of user private verification information is maintained by a server (100). Authorization for the transaction is provided to the merchant by the server without transmitting the private verification information of user to the merchant.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Transaction authorization apparatus;
(b) Method of providing relevant notifications to user;
(c) Method of invoicing a user;
(d) Apparatus for providing relevant notifications to user;
(e) Apparatus for invoicing a user

USE - For authorization and confirmation of payment in automated transactions established using any one of POTS telephone, cellular telephone, feature telephone, digital telephone, PBX telephone, or PC, wireless PDA such as Palm Pilot, etc., through Internet.

ADVANTAGE - Prevents unauthorized access to the user's private verification information and hence maintains security of **user** 's **confidential** and private **information** . Prevents commercial fraud. Hence, results in improved efficiency and convenience.

DESCRIPTION OF DRAWING(S) - The figure shows the architecture of the server.

Server (100)

pp; 6 DwgNo 1/1

Title Terms: AUTHORISE; METHOD; AUTOMATIC; TRANSACTION; THROUGH; AUTHORISE; TRANSACTION; SERVE; TRANSMIT; PRIVATE; VERIFICATION; INFORMATION; USER; MERCHANT
Derwent Class: T01; T05; W01
International Patent Class (Main): **G06F-017/60** ; G07F-019/00; H04L-009/32
International Patent Class (Additional): H04L-012/16; H04L-012/22
File Segment: EPI

13/5/25 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014439604 **Image available**
WPI Acc No: 2002-260307/200231
XRPX Acc No: N02-201955

Method of secure payment over the Internet **, uses coupons** purchased **by user and carrying hidden code which is revealed and transmitted by the user when a transaction is to be made**

Patent Assignee: I-RIDE SA (IRID-N)
Inventor: CABUTEAU P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2812739	A1	20020208	FR 200010180	A	20000802	200231	B

Priority Applications (No Type Date): FR 200010180 A 20000802
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

FR 2812739 A1 15 G06F-017/60

Abstract (Basic): FR 2812739 A1

NOVELTY - The payment procedure commences with the user purchasing coupons carrying a nominated face value. A unique code is printed on the coupon, and the code is masked. When the user wishes to make payment, the code is revealed and transmitted over the Internet to a payment server. The server validates the code to accept payment.

USE - Secure payment over the Internet.

ADVANTAGE - Allows **users** to make payment over the Internet without transmitting **confidential information** which may be intercepted.

DESCRIPTION OF DRAWING(S) - The drawing shows a block schematic.

pp; 15 DwgNo 1/2

Title Terms: METHOD; SECURE; PAY; COUPON; PURCHASE; USER; CARRY; HIDE; CODE ; REVEAL; TRANSMIT; USER; TRANSACTION; MADE

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07F-007/08; H04L-009/32

File Segment: EPI

13/5/26 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014417432 **Image available**

WPI Acc No: 2002-238135/200229

Related WPI Acc No: 2001-625617; 2001-625618

XRPX Acc No: N02-183402

Electronic payment securing method for e - commerce transactions , **involves establishing payment to** merchant **by trusted** party **on behalf of** customer **without disclosing** confidential **payment** information **of** customer

Patent Assignee: DOHERTY C (DOHE-I); TSIOUNIS Y S (TSIO-I)

Inventor: DOHERTY C; TSIOUNIS Y S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010039535	A1	20011108	US 2000181224	P	20000209	200229	B
			US 2000181225	P	20000209		
			US 2001780031	A	20010209		

Priority Applications (No Type Date): US 2001780031 A 20010209; US 2000181224 P 20000209; US 2000181225 P 20000209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010039535	A1		22	G06F-017/60	Provisional application US 2000181224
					Provisional application US 2000181225

Abstract (Basic): US 20010039535 A1

NOVELTY - The request for payment to a merchant, is transmitted from the **customer** to a trusted **party** . A payment authentication **information** is generated based on **confidential** payment **information** acquired from the **customer** . Authentication information and payment instruction are transmitted to the trusted **party** to facilitate payment on behalf of **customer** without disclosing the **confidential** payment **information** to the **merchant**...

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Computer readable medium containing instruction for securing electronic payment;

(b) Electronic payment securing apparatus;

(c) Electronic payment securing method

USE - For establishing secure payment of **transaction** in **electronic** commerce applications using personal computer, WAP enabled cellular phone, WEB TV type device, handheld personal digital assistant (PDA) such as PALM PILOT through Internet.

ADVANTAGE - The trusted party serves as the intermediate or third party for representing the customers and guarantees security of payment transaction without requiring many involved parties such as banking institutions, transaction processors. Hence, allows customers to remain anonymous to the **merchant** without having access to the **user** 's **confidential** account **information** .

DESCRIPTION OF DRAWING(S) - The figure shows the function performed by payment **transaction server** .

pp: 22 DwgNo 4/9

Title Terms: ELECTRONIC; PAY; SECURE; METHOD; TRANSACTION; ESTABLISH; PAY; MERCHANT; PARTY; CUSTOMER; DISCLOSE; CONFIDE; PAY; INFORMATION; CUSTOMER

Derwent Class: T01; T05; W01; W02

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): H04K-001/00

File Segment: EPI

13/5/27 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014374720 **Image available**

WPI Acc No: 2002-195423/200225

XRPX Acc No: N02-148502

On - line trading **method for value bearing instrument e.g. ticket, involves security server which stores** customer **identity password and a shared** secret **piece of** information

Patent Assignee: CMA BUSINESS CREDIT SERVICES (CMAB-N)

Inventor: OKAMOTO S A; SCHATTMAIER S M; VON KAENEL T; ZEILE M T

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200173644	A2	20011004	WO 2001US10520	A	20010328	200225	B
AU 200147921	A	20011008	AU 200147921	A	20010328	200225	

Priority Applications (No Type Date): US 2000193171 P 20000329

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200173644	A2	E	41	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147921	A		G06F-017/60	Based on patent WO 200173644

Abstract (Basic): WO 200173644 A2

NOVELTY - When customer orders value bearing instrument e.g. ticket travellers checks, encrypted data is sent to secure **transaction server** which holds **customer** identification, password and shared **secret** piece of **information** . These **data** are used to authenticate **customer** 's order.

DETAILED DESCRIPTION - The system determines if a user elected to have a ticket delivered by E-mail, step 110 and the packet is delivered by E-mail if so requested, step 112, otherwise it is determined if a reserve option was selected, step 114, before the ticket is provided to a reservation system, step 116. The system determines if the user selects a generate-now option, step 118 and, if selected, the ticket is transmitted to the user computer, step 120 via a network.

An INDEPENDENT CLAIM is included for a computer system.

USE - Generating a value-bearing instrument such as a coupon or check etc.

ADVANTAGE - Secure delivery, exchange, forwarding and managing of instruments.

DESCRIPTION OF DRAWING(S) - The drawing shows the process.

pp: 41 DwgNo 1/8

Title Terms: LINE; TRADE; METHOD; VALUE; BEARING; INSTRUMENT; TICKET; SECURE; SERVE; STORAGE; CUSTOMER; IDENTIFY; PASSWORD; SHARE; SECRET;

PIECE; INFORMATION
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/28 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014372175 **Image available**
WPI Acc No: 2002-192878/200225
XRPX Acc No: N02-146500
Transaction payment through the internet involves computing billing data and debt generated by transactions in billing computer, and sending billing data to user database for storage
Patent Assignee: KOJIMA T (KOJI-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002024720	A	20020125	JP 2000202879	A	20000704	200225	B

Priority Applications (No Type Date): JP 2000202879 A 20000704
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002024720	A		19	G06F-017/60	

Abstract (Basic): JP 2002024720 A
NOVELTY - The method involves transmitting the content confirmation demand signal (S200) of a transaction to the mobile telephone (200) of user from a billing computer (130). The billing computer has a processor (131) that computes the billing data (S210) and the debt generated by the transactions, and sends the billing data to a user database (153) for storage.
DETAILED DESCRIPTION - The billing computer sends and transmits the transaction content confirmation demand signal for confirming the content of a transaction for a user. A transaction demand signal (S100) which includes user identification data, is transmitted from a user computer (300) for specifying the goods ordered by the user. An INDEPENDENT CLAIM is also included for the transaction payment system.
USE - **Transaction** payment through the **internet**.
ADVANTAGE - Ensures high efficiency and safety in **purchasing** products through the **internet** due to maintained **confidentiality** of credit card and **user information** when purchasing goods. Ensures smooth credit collection and transaction between **seller** and purchaser.
DESCRIPTION OF DRAWING(S) - The figure is an outline explanatory drawing showing the entire components of the transaction payment system
Billing computer (130)
Processor (131)
User database (153)
Mobile telephone (200)
User computer (300)
Transaction demand signal (S100)
Content confirmation demand signal (S200)
Billing data (S210)
Fig. 19 DwgNo 1/7
Title Terms: TRANSACTION; PAY; THROUGH; COMPUTATION; BILL; DATA; GENERATE; TRANSACTION; BILL; COMPUTER; SEND; BILL; DATA; USER; DATABASE; STORAGE
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/29 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014372174 **Image available**
WPI Acc N . 2002-192877/200225
XRPX Acc : N02-146499
Internet payment using two communication channels, involves using personal computer with two modem circuits, in which first channel is coupled to router while second channel is used for browsing homepage
Patent As: gnee: AOKI T (AOKI-I)
Number of ountries: 001 Number of Patents: 001
Patent Fa ly:
Patent No Kind Date Applicat No Kind Date Week
JP 200202- 19 A 20020125 JP 2000246543 A 20000711 200225 B

Priority . plications (No Type Date): JP 2000246543 A 20000711
Patent De: ils:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 200202- 19 A 6 G06F-017/60

Abstract asic): JP 2002024719 A
N ELTY - The method involves using a personal computer (1) with two m em circuits, in which the first channel is connected to a router while he second channel is used for browsing a **homepage** to determine essen al **transaction** contents. The personal computer also has two integ ed services digital network (ISDN) circuits for direct conne ion to a public circuit.
U - For settling **internet transactions** using two commu cation channels.
A ANTAGE - Prevents leakage and alteration in essential trans tion contents when performing commercial **transaction** through the ternet . Prevents **seller** from abusing credit card of **customer** . Ens s safe transaction and **confidential data** communication betwe credit company and **customer** . Ensures simplified input opera n.
D CRIPTION OF DRAWING(S) - The figure shows the circuit connection diagr of the internet payment using two communication channels.
P onal computer (1)
D 6 DwgNo 1/9
Title Ter : PAY; TWO; COMMUNICATE; CHANNEL; PERSON; COMPUTER; TWO; MODEM; CIRCUIT IRST; CHANNEL; COUPLE; ROUTER; SECOND; CHANNEL
Derwent C s: T01; W01
Internati l Patent Class (Main): **G06F-017/60**
Internati l Patent Class (Additional): H04M-011/00
File Segm t: EPI

13/5/30 (Item 21 **from file: 350**)
DIALOG(R) e 350:Derwent WPIX
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014372173 **Image available**
WPI Acc N 2002-192876/200225
XRPX Acc : N02-146498
On - l e shopping for purchasing goods through the internet , involve making customer make his or her purchase order of product to store t minal through credit card company terminal
Patent As: nee: NIPPON DENKI TSUSHIN SYSTEM KK (NIDE)
Number of ountries: 001 Number of Patents: 001
Patent Fa ly:
Patent No Kind Date Applicat No Kind Date Week
JP 200202- 18 A 20020125 JP 2000207458 A 20000707 200225 B

Priority . lications (No Type Date): JP 2000207458 A 20000707
Patent De ils:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 200202- 18 A 6 G06F-017/60

Abstract asic): JP 2002024718 A
N ELTY - The method involves making a customer make his or her purch a order of a product to a store terminal (40) through a credit card mpany terminal (20). The credit card company terminal subtracts

the p: duct price from the customer's designation account at a schedule date : ile paying the product price to the store terminal.

D: AILED DESCRIPTION - The customer sends product data, acquired using : user terminal (10), and an order to the credit card company termi: l. The credit card company terminal then authenticates the card data : d product data from the user terminal, and produces and sends purch e order data to the store terminal. The store delivers the produ: to the credit card company. The credit card company terminal then : ks the product price from the store terminal. The credit card compa.. ' delivers the product to the customer.

U: - For **purchasing** goods through the **internet** .

A: ANTAGE - Ensures **confidentiality** of **customer information** and c: d information since **confidential customer information** are n: divulged to store terminals.

D: CRIPTION OF DRAWING(S) - The figure is a system block diagram showi.. the components of an on-line shopping system. Drawing includes non-E.. lish language text.

U.. r terminal (10)

C: dit card company terminal (20)

S: re terminal (40)

p: 6 DwgNo 1/3

Title Ter: : ON-LINE; SHOPPING; PURCHASE; GOODS; THROUGH; CUSTOMER; PURCHAS: ORDER; PRODUCT; STORAGE; TERMINAL; THROUGH; CREDIT; CARD; COMPAN: TERMINAL

Derwent C ss: T01; T05

Internati. al Patent Class (Main): **G06F-017/60**

Internati. al Patent Class (Additional): G07F-007/08

File Segm.. t: EPI

13/5/31 (Item 22 **from file: 350**)

DIALOG(R): le 350:Derwent WPIX

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01434375C **Image available**

WPI Acc N: 2002-164459/200221

XRPX Acc : N02-125547

Method : securely collecting, storing, and transmitting information and for faci: itating completion of a transaction by permitting a customer and merchan: defined limits of dissemination of personal, private and financi.. information

Patent As..gnee: PATENTEK INC (PATE-N)

Inventor: AVIS R; SCOTT D; WALSH M

Number of ountries: 095 Number of Patents: 002

Patent Fa: ly:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200201-	2 A2	20020103	WO 2001US20216	A	20010627	200221	B
AU 200171-	1 A	20020108	AU 200171441	A	20010627	200235	

Priority .. plications (No Type Date): US 2000613054 A 20000628

Patent De ils:

Patent Nc	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200201-	2 A2	E	85	G06F-017/60	

Desig.. ed States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN C: CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP : KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT : RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Design.. ed States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT .. LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200171-	1 A	G06F-017/60	Based on patent WO 200201462	

Abstract asic): WO 200201462 A2

N: ELTY - A transaction may be validated in response to ident: ication of both a merchant and a customer. The transaction may be va: dated in response to the identification of both the customer and a sec d customer. A customer and merchant control limits of authorized use c private and financial information by second and third party. The custo: r and merchant may define limits of dissemination of personal, priva: and financial information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:
(a system for facilitating the completion of a transaction
U. - For facilitating the completion of **electronic** commerce **trans**.. tions .
A. ANTAGE - Ensures the security of **confidential information** trans. tted over potentially insecure communication media. Protects the **parti**.ipants from impersonation, enables data to be securely stored on po. ntially insecure computers, protects the software and encryption used f om reverse engineering and protects against raw data capture.
D. CRIPTION OF DRAWING(S) - The drawing shows a block diagram of the s. tem of the present invention.
p. 85 DwgNo 1/7
Title Ter. : METHOD; SECURE; COLLECT; STORAGE; TRANSMIT; INFORMATION; FACILIT.. E; COMPLETE; TRANSACTION; PERMIT; CUSTOMER; MERCHANT; DEFINE; LIMIT; . SSEMINATE; PERSON; PRIVATE; FINANCIAL; INFORMATION
Derwent C. ss: T01; T05
Internati. al Patent Class (Main): **G06F-017/60**
File Segm. t: EPI

13/5/32 (Item 23 **from file: 350**)
DIALOG(R)F le 350:Derwent WPIX
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014318600
WPI Acc N. 2002-139302/200218
XRPX Acc . : N02-105046
On - l. e commerce transaction **method involves verifying whether** buyer h. s authority **to use payment instruction, without revealing** secret information **to** seller
Patent As. gnee: VERISIGN INC (VERI-N)
Inventor: RANK P E; GRAVES M E; PLAMBECK T; WHITEHEAD G R
Number of ountries: 093 Number of Patents: 002
Patent Fa. ly:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200178. 3	A2	20011025	WO 2001US12445	A	20010417	200218	B
AU 200159 .0	A	20011030	AU 200159080	A	20010417	200219	

Priority . plications (No Type Date): US 2001818084 A 20010326; US 2000198. 0 P 20000417
Patent De. ils:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200178. 3	A2	E	34	G06F-017/60	

Desig.. ed States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN . CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG . KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU . SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Design ed States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT . LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200159. 0	A		G06F-017/60	Based on patent WO 200178493	

Abstract asic): WO 200178493 A
. ELTY - An authentication service determines whether a **buyer** has a. ess to **secret information** without revealing the **secret** inform. tion to a **seller** , for verifying whether the **buyer** has autho. ty to use the payment instrument. Based on the determination, the a.. nentication service transmits a response including whether the buyer s authorized to use the payment instrument, to seller.
D. AILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the follo. ng:
(Program product for authenticating to a seller that buyer is autho. zed to use payment instrument;
(On - line commerce **transaction** system
U. - In on - **line** commerce **transaction** system (claimed) for busine.s transaction over **Internet** and/or wireless networks.
AD ANTAGE - Prevents the **seller** from gaining access to **secret** inform. tion associated with the **buyer** 's payment instrument, hence preve.s the **seller** from reusing the **secret information** to autho. ze fraudulent transactions. The concentration of the

authentication function in the authentication service results in significant flexibility and economies of scale. If the type of the **secret information** or the corresponding **buyer** authentication procedure is changed, the bulk of changes affect only the authentication service, thereby permitting new authentication technologies to be easily implemented.

DW 0/7

Title Terms: LINE; TRANSACTION; METHOD; VERIFICATION; BUY; AUTHORISE; PAY; INSTRUCTION; REVEAL; SECRET; INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/33 (Item 24 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014318082 **Image available**
WPI Acc No: 2002-738784/200218
XRPX Acc No: N02-584543

Credit card transactions facilitating method, involves verifying temporary authorization number by using shared secret information and information regarding transaction

Patent Assignee: BELLOVIN S M (BELL-I); KORN J (KORN-I); KRISHNAMURTHY B (KRIS-I)
Inventor: BELLOVIN S M; KORN J; KRISHNAMURTHY B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010056409	A1	20011227	US 2000204335	P	20000515	200218	B
			US 2001855908	A	20010515		

Priority Applications (No Type Date): US 2000204335 P 20000515; US 20018559 8 A 20010515
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010056409	A1		9	G06F-017/60	Provisional application US 2000204335

Abstract (Basic): US 20010056409 A

NOVELTY - A transaction authorization number and an information regarding the transaction are received from a merchant desiring to receive authorization for a transaction with a **user** having an account with a credit card **user** . A **secret information** shared with a transaction authorization number generator utilized by the **user** is retrieved.

DETAILED DESCRIPTION - The temporary authorization number is verified by using the shared secret information and information regarding the transaction.

USE - For facilitating credit card **transactions** over telecommunication **network** .

ADVANTAGE - Reduces risk of misuse of user's credit card number while avoiding having to securely contact and authenticate with a card-issuer before each **transaction** in an **online** manner.

DESCRIPTION OF DRAWING(S) - The figure is an abstract diagram of a credit card transaction.

DW 1/4

Title Terms: CREDIT; CARD; TRANSACTION; FACILITATE; METHOD; VERIFICATION; TEMPORARY; NUMBER; SHARE; SECRET; INFORMATION; INFORMATION; TRANSACTION
Derwent Class: T01; T05; W01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/34 (Item 25 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014301483 **Image available**
WPI Acc No: 2002-722187/200216

XRPX Acc N : N02-0 1662
Network statistical **information** trading **method for commercial** application, involves **determining output data set which is accessible by one or** more users, **from the exchange data set**
Patent Ass gnee: MENTOR PARTNERS LLC (MENT-N)
Inventor: EGRAW C S
Number of ountries: 094 Number of Patents: 003
Patent Fam ly:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 2001952 7	A1	20011213	WO 2001US17379	A	20010530	200216	B
US 2002001 796	A1	20020214	US 2000208807	P	20000602	200219	
			US 2001754492	A	20010104		
AU 2001651 8	A	20011217	AU 200165148	A	20010530	200225	

Priority A plicat ons (No Type Date): US 2001754492 A 20010104; US 20002088 7 P 200 0602
Patent Det ils:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 2001952 7	A1	F	53	G06F-017/60	

Designa ed States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN C CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG K KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU S SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designa ed States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT K LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 2002001 796	A1	G06F-017/60	Provisional application US 2000208807	
AU 2001651 8	A	G06F-017/60	Based on patent WO 200195207	

Abstract (asic): WO 200195207 A1
NO ELTY - An **information** having a **confidential data** portion and an exchange **data** portion, is collected from a **user** . The exchan e data portion is transmitted to a central location and is used for up ating exchange data set which is defined at the central locati n. An output data set which is accessible by one or more users, is det rmined from the exchange data set.
DE AILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the follow ng:
(a Commercial information trading system;
(b Computer readable medium having computer executable instru tions
US - For commercial application.
AD ANTAGE - Facilitates receipt and processing of reliable commer ial information which is available to users for business purpos s. Provides faster analysis of information and more accurate result .
DE CRIPTION OF DRAWING(S) - The figure shows a block diagram of inform tion t ding system.
pp 53 Dwg No 1/20
Title Term : NETWORK; STATISTICAL; INFORMATION; TRADE; METHOD; COMMERCIAL; APPLY; D TERMINE; OUTPUT; DATA; SET; ACCESS; ONE; MORE; USER; EXCHANGE; DATA; SE
Derwent Cl ss: T01
Internatio al Patent Class (Main): **G06F-017/60**
File Segme t: EPI

13/5/35 (Item 26 **from file: 350**)
DIALOG(R)F le 350:Derwent WPIX
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014267175 **Image available**
WPI Acc No 2002-0 7873/200212
Method f r integrating distributed electronic commerce systems using extensib e markup language
Patent Ass gnee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N)
Inventor: AM H S; HAN U Y; PARK S B
Number of ountries: 001 Number of Patents: 001
Patent Fam ly:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001075 51	A	20010811	KR 20002906	A	20000121	200212	B

Priority Applications (No Type Date): KR 20002906 A 20000121
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001075 51	A		1	G06F-017/60	

Abstract (Basic): KR 2001075951 A

NOVELTY - A method for integrating distributed electronic commerce system using an XML(eXtensible Markup Language) is provided to integrate distributed electronic commerce systems through the mutual exchange of XML business documents to express commercial text forms and interoperations, which electronic commerce system elements use in common as an XML.

DETAILED DESCRIPTION - XML documents brokers(12,13) of a purchase and sales site execute a function to transfer the XML documents between XML electronic commerce application processors. The XML document broker(12) of a purchase site consists of an XML document parsing device(121), a digital signature and encoder(122), and an XML document transmitter(123). The XML document broker(13) of a sales site consists of an XML document receiver(131), a digital signature and encoder/decoder(132), an XML document parsing device(133), and a server pager(134). The XML document parsing device(121) parses the XML document requested from a purchase application processor(11) and generates an object source tree with the elements contained in the XML document. The digital signature and encoder(122) executes a digital signature for the XML document using a **user** 's **secrete** key at a **user** information DB(21) and encodes the XML document with a public key of a sales site application program. The digital signature and encoder/decoder(132) decodes the XML document using a secrete key of the sales site application program and a transmitter's secrete key. The XML document transmitter(123), referring to the routing information of a sales application processor(14), transmits the XML document to the sales site XML document broker(13) using an HTTP(HyperText Transfer Protocol). The server pager(134) withdraws the registration information of an application server from an application **server** DB in **order** to send the XML document to the sales application processor(14). Then the server pager(134) invokes the application program and hands over the XML document.

Dwg 1/10

Title Terms: METHOD; INTEGRATE; DISTRIBUTE; ELECTRONIC; SYSTEM; EXTEND; LANGUAGE
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/36 (Item 27 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014262656 **Image available**
WPI Acc No: 2002-063354/200212
XRPX Acc No: N02-062043

Secure information-embedded web-page creation method for E-commerce, involves encrypting and encoding product field name value pairs, to form displayable virtual bar-code

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: COWMAN N T; HAUCK L P; MONAHAN C J; MONAHAN M L; MOORE V S; MOREA K; RATLIFF E J
Number of Countries: 004 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
AU 200071	A	20010920	AU 200071974	A	20001201	200212	B
GB 236616	A	20020227	GB 20015177	A	20010302	200215	
JP 200202 9	A	20020111	JP 200171361	A	20010314	200219	
KR 200109 2	A	20011023	KR 20018877	A	20010222	200222	

Priority Applications (No Type Date): US 2000524876 A 20000314
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
AU 200071[illegible] 4 A 54 G06F-017/60
GB 236616[illegible] A G06F-017/60
JP 20020[illegible] 59 A 23 H04L-009/18
KR 20010[illegible] 02 A G06F-017/60

Abstract (Basic): AU 200071974 A
NOVELTY - The field name value pairs corresponding to the basic product descriptors, are concatenated together to form one string. The concatenated string is encrypted and encoded to produce a displayable virtual barcode. The virtual bar-code is associated with a name, and placed into an HTML source code.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Computer-readable medium containing programming instructions for making a web page cipher;
(b) A system for making a web-page containing secure information ;
(c) Secret communication method;
(d) Web-page product
USE - For E-commerce, especially for **online** shopping and **order** -processing of **web** -page products.
ADVANTAGE - The embedding of encoded encrypted string maintains confidentiality while sending product **information** between two parties over the Internet. Hence the Internet **user** is assured of the privacy of purchasing activities.
DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of an algorithm for producing virtual bar-code.
pp 54 Dwg.No 4/11
Title Terms: SECURE; INFORMATION; EMBED; WEB; PAGE; CREATION; METHOD; ENCODE; PRODUCT; FIELD; NAME; VALUE; PAIR; FORM; DISPLAY; VIRTUAL; BAR; CODE
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/60** ; H04L-009/18
International Patent Class (Additional): G06F-012/00; G06F-012/14; G06F-013/00; H04L-009/28
File Segment: EPI

13/5/37 (Item 28 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

014203540 **Image available**
WPI Acc No: 2002-014243/200203
Method and device **for certifying user**
Patent Assignee: KANG D G (KANG-I); KIM D J (KIMD-I); KIM D S (KIMD-I); KIM J G (KIM-I); KIM J H (KIMJ-I); KIM J K (KIMJ-I); LEEM S W (LEEM-I)
Inventor: KANG D G; KIM D J; KIM D S; KIM J G; KIM J H; KIM J K; LEEM S W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
KR 20010[illegible] 24 A 20010713 KR 200122354 A 20010425 200203 B

Priority Applications (No Type Date): KR 200122354 A 20010425
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
KR 20010[illegible] 24 A 1 G06F-017/60

Abstract (Basic): KR 2001068124 A
NOVELTY - A method and device for certifying a user is provided to apply a user certification method using a telephone into a financial transaction as an **Internet** banking.
DETAILED DESCRIPTION - Contents related to user information as a user's inherent code, a name, and an address and account information including an account number and an account secret code and telephone information including a telephone number are inputted from an Internet terminal(410). The user is identified by using user information and the

user information is stored in a database by generating a predetermined transaction secret code and the **user information** is transmitted to the telephone(420). A transaction permission code related to the transmitted transaction secret code is received through the Internet terminal(430). The user is finally certificated by comparing the received transaction permission code and with the stored transaction permission code(440). If the user is identified as a normal user, the contents are informed to the user, the inputted account is registered as an internet banking account capable of performing an Internet banking being linked with the inputted telephone number(460).

1 Dwg. 1/10

Title Terms: METHOD; DEVICE; CERTIFY; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/38 (Item 29 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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014189948 **Image available**
WPI Acc No: 2002-010645/200201
XRPX Acc No: N02-008900

User authentication system for online banking, acquires reusable user-defined policy to define protection level for accessing of accounts

Patent Assignee: BIONETRIX SYSTEMS CORP (BION-N)
Inventor: AKSHI P S; HELMS D W; ROCHON A C; WALKER T J
Number of Countries: 094 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200171961	A1	20010927	WO 2001US9188	A	20010323	200201	B
AU 200143706	A	20011003	AU 200143706	A	20010323	200210	

Priority Applications (No Type Date): US 2000695060 A 20001025; US 2000191 P 20000323

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200171961	A1	E	60	H04K-001/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200143706	A			H04K-001/00	Based on patent WO 200171961

Abstract (Basic): WO 200171961 A1

NOVELTY - An authentication controller (208) manages the acquired user-defined policy for the account and credentials which define the protection level to access the account. A user management component (207) stores the acquired result and organizes the policy and credentials so that the credentials are reused to authenticate another account. An authentication server (202) uses the user-defined policy to authenticate account.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the user authentication method.

USE - For providing **user** authentication during provision of services or exchange of **confidential information** through Internet, during online banking and shopping, **online** stock- **trading** , personalized content **website** perusal, business-to-business and business-consumer- **e - commerce transactions** , etc., using smart cards, tokens, fingerprint scanners, audio/face recognition systems etc.

ADVANTAGE Protects **confidential information** available on the Internet and provides effective authentication of the **user** to Internet accessible application and services by acquiring a user defined policy defining a protection level for accessing the account.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

user authentication system.
Authentication server (202)
User management component (207)
Authentication controller (208)
pp 60 Dwg No 2/15
Title Terms: USER; AUTHENTICITY; SYSTEM; BANK; ACQUIRE; REUSE; USER; DEFINE ; DEFINE PROTEC; LEVEL; ACCESS; ACCOUNT
Derwent Class: T01 W01; W02
International Patent Class (Main): H04K-001/00
International Patent Class (Additional): G06F-011/30; G06F-015/16; G06F-017/60 ; H04L-009/00
File Segment: EPI

13/5/39 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014154615 **Image available**
WPI Acc No: 2001-573836/200173
Related WP Acc No: 2001-573054
XRPX Acc No: N01-427547
Electronic payment method via the internet or similar network and two user communication devices (terminal and phone) receiving verification requests from vendor
Patent Assignee: MAGICAXESS (MAGI-N); MAGICAXESS SA (MAGI-N); KREMER G (KREM-I)
Inventor: KREMER G; LAFON M
Number of Countries: 096 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200156352	A2	20010809	WO 2001FR1205	A	20010419	200173	B
AU 200154883	A	20010814	AU 200154883	A	20010419	200173	
EP 1192603	A2	20020403	EP 2001928004	A	20010419	200230	
			WO 2001FR1205	A	20010419		
FR 2814877	A1	20020405	FR 200013101	A	20001004	200231	
FR 2814885	A1	20020405	FR 200015215	A	20001124	200237	
US 20020042450	A1	20020926	WO 2001FR1205	A	20010419	200265	
			US 200218371	A	20020430		

Priority Applications (No Type Date): FR 200015215 A 20001124; FR 20005025 A 20000409; FR 2000013101 A 20001004
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200156352	A2	F	58	H04L-009/32	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200154883	A			H04L-009/32	Based on patent WO 200156352
EP 1192603	A2	F		G07F-007/10	Based on patent WO 200156352
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
FR 2814877	A1			H04L-009/28	
FR 2814885	A1		28	H04L-009/32	
US 20020042450	A1			G06F-017/60	

Abstract (Basic): WO 200156352 A2
NOVELTY - A communication session is opened between first user terminal and trade **server** , on a first communication medium. During the session the user terminal prepares single use payment certificate, and receives, on a second terminal, phone, confidential data and transmits it to the medium. Correspondence between the confidential data transmitted to the second terminal and that transmitted by the first terminal is verified, if matched, the payment is validated.
DETAILED DESCRIPTION - A communication session between the user and vendor server is opened, during this session the following takes

place:
a user terminal transmits user identification data; transmission to a payment server of users identity data; preparation by the user of a single use payment certificate. This includes receipt of the vendors name and amount to be paid, and display, in a window on the screen of the first user terminal, of name of vendors site and payment required; transmission by the payment server of **confidential data** to the **users** second terminal via a second communication channel on which each address is attributable to a **user** terminal; transmission by the first terminal of the **confidential data**; verification by the payment server of matching between the confidential data received by the first terminal on the first communication network with the **confidential data** transmitted to the second **user** terminal and; in case of matching, an operation of payment validation.

USE - For electronic payment for goods over a telecommunication medium.

ADVANTAGE - Uses a only a single payment means transmitted and validated communicating with two unique addresses.

DESCRIPTION OF DRAWING(S) - The drawing shows various types of lens masks (The drawing contains non - English language text)

terminal (100)
data network (110)
vendor site (120)
network server (130)
payment site (140)
payment site server (150)
server signature (160)
phone terminal (170)
pp 58 Dwg.No 2/9

Title Terms: ELECTRONIC; PAY; METHOD; SIMILAR; NETWORK; TWO; USER; COMMUNICATE; DEVICE; TERMINAL; TELEPHONE; RECEIVE; VERIFICATION; REQUEST; VENDING

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-017/60** ; G07F-007/10; H04L-009/28; H04L-009/32

International Patent Class (Additional): G07F-007/08; H04L-029/06

File Segment: EPI

13/5/40 (Item 31 **from file: 350**)

DIALOG(R)File 350:Derwent WPIX

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014153006 **Image available**

WPI Acc No: 2001-617225/200173

Method for automatically filling up order sheet using contents ordered by user

Patent Assignee: KOREA TELECOM (KOTE-N)

Inventor: CHO S U; KIM J G; KONG G T; LEE J W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001048938	A	20010615	KR 9953822	A	19991130	200173	B

Priority Applications (No Type Date): KR 9953822 A 19991130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001048938	A		1	G06F-017/60	

Abstract (Basic): KR 2001048938 A

NOVELTY - A method for automatically filling up an order sheet using contents ordered by a user is provided to embody an order filling up method and a recording medium capable of being read by a computer recording a program for implementing the method for a later ordering and a convenience of related process by using an E-mail address and a secret number inputted at **ordering** of an **internet** shopping mall user in an internet **electronic** commercial **transaction**.

DETAILED DESCRIPTION - An **internet electronic** commercial transaction **server** is selected **ordering** information(name, E-mail

address, telephone, address), delivery information(receiver and address of the receiver) and paying information(paying method, for example, non-bankbook depositing or a credit card) from an initial **ordering** user through an **internet** . Also, the **internet electronic** commercial **transaction server** receives a secret number capable of managing the user's account(201approximately203) and stores the secret number in the database. As the ID, an E-mail address is used. In detail the user selects a paying method(non-bankbook depositing or a credit card). If the user wants to pay by a non-bankbook depositing, the internet **electronic** commercial **transaction server** receives bank information to be deposited and a **secret** number. If the **user** wants to pay by a credit card, a secret number is inputted after a credit card is approved by receiving credit card information(203).

pp 1 DwgNo 1/10

Title Terms: METHOD; AUTOMATIC; FILL; UP; ORDER; SHEET; CONTENT; ORDER; USER

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/41 (Item 32 **from file: 350**)

DIALOG(R)File 350:Derwent WPIX

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014112397 **Image available**

WPI Acc No: 2001-596609/200167

XRPX Acc No: N01-444818

Process for secure **on - line transactions with calculated risk using a trusted** payment card **host provided with the** buyer **payment card** information and the **secret keys**

Patent Assignee: KUO J S (KUOJ-I)

Inventor: KUO J S

Number of Countries: 021 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200157770	A1	20010809	WO 2001US3628	A	20010203	200167 B

Priority Applications (No Type Date): US 2000497665 A 20000204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200157770	A1	E	24	G06F-017/60	

Designated States (National): CN JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Abstract (Basic): WO 200157770 A1

NOVELTY - A trusted payment card host (3) is a secure computer server holding payment card data registered by a customer (1b) using a pair of keys corresponding to each payment card number. A merchant **server** (2a) processes encrypted **purchase** orders from buyers and sends an encrypted response with an assigned order number, when the buyer authorizes the host to make payment using the secret keys as validation.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a method of secure **on - line transaction** validation.

USE - Making secure **on - line transactions** .

ADVANTAGE - Alleviating fraud originating from pirated card numbers.

DESCRIPTION OF DRAWING(S) - The drawing shows the process

Trusted host (3)

Customer (1b)

Merchant server (2a)

pp 24 DwgNo 1/1

Title Terms: PROCESS; SECURE; LINE; TRANSACTION; CALCULATE; RISK; PAY; CARD; HOST; BUY; PAY; CARD; INFORMATION; SECRET; KEY

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): H04L-009/00

File Segment: EPI

13/5/42 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014080425 **Image available**
WPI Acc No: 2001-564639/200163
XRPX Acc No: N01-420328
Electronic commercial transaction system for online shopping, creates product selection and delivery information based on product purchase request and user information
Patent Assignee: TOYOTA JIDOSHA KK (TOYT)
Inventor: UJIWARA Y
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20010018669 A1 20010830 US 2001780443 A 20010212 200163 B
JP 2001243385 A 20010907 JP 200049684 A 20000225 200166

Priority Applications (No Type Date): JP 200049684 A 20000225
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20010018669 A1 15 G06F-017/60
JP 2001243385 A 9 G06F-017/60

Abstract (Basic): US 20010018669 A1
NOVELTY - A management center (10) creates a product selection information on the basis of product purchase request from user terminal and user information. A product delivery information is produced on the basis of the product purchase request and the user information.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Electronic commercial **transactions** effecting method;
(b) Electronic commerce commercial **transactions** management apparatus
USE - For **online** shopping and other **transactions** using computer network e.g. internet.
ADVANTAGE - Efficient delivery of products is achieved by maintaining the **secrecy** of **user information** reliably.
DESCRIPTION OF DRAWING(S) - The figure shows the electronic commerce system.
Management system (10)
pp; 15 DwgNo 1/6
Title Terms: ELECTRONIC; COMMERCIAL; TRANSACTION; SYSTEM; SHOPPING; PRODUCT; SELECT; DELIVER; INFORMATION; BASED; PRODUCT; PURCHASE; REQUEST; USER; INFORMATION
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-015/173
File Segment: EPI

13/5/43 (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014064038 **Image available**
WPI Acc No: 2001-548251/200161
Method for proving **paying gateway in internet electronic wallet**
Patent Assignee: HAN Y S (HANY-I)
Inventor: HAN Y S
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
KR 2001019790 A 20010406 KR 9940158 A 19990917 200161 B

Priority Applications (No Type Date): KR 9940158 A 19990917
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
KR 2001028090 A 90 A 1 G06F-017/60

Abstract (Basic): KR 2001028090 A

NOVELTY - The method for proving a paying gateway in an internet electronic wallet is provided for an **internet** commercial **transaction** buyers to identify a paying gateway system easily by inputting personal secret **data** of **internet** commercial **transaction buyers** in a paying gateway system and rendering the paying gateway system to transmit the personal secret data and a characteristics picture seal information to a transaction purchase system.

DETAILED DESCRIPTION - The **internet** commercial **transaction** purchase system creates personal **secret data** and registers the **data**, a buyer ID and a **secret** number(ST31). If a purchase demand is transmitted from the **internet** commercial **transaction purchase** system, a paying gateway demands the buyer ID and a secret number(ST32). If the inputted **buyer** ID is pre-registered, pre-registered personal **secret data** and picture seal **information** are transmitted to a purchase system(ST33, ST34). If an electronic wallet server is executed and credit information is inputted by the buyer, the paying gateway requests a paying to a card system(ST35). If a paying result is transmitted from the card system, the paying result is transmitted to a selling system(ST36). The selling system decides as to whether a commodity delivery is permitted in accordance with the paying result(ST37).

pp 1 DwgNo 1/10

Title Terms: METHOD; PROVE; PAY; GATEWAY; ELECTRONIC; WALLET
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/44 (Item 35 **from file: 350**)
DIALOG(R)File 350:Derwent WPIX
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01404749 **Image available**
WPI Acc No: 2001-531707/200159
XRPX Acc No: N01-394867

Secure web server for HTTP internet access to services requiring secure transfer of confidential data and user authentication

Patent Assignee: MONTIEL J (MONT-I)
Inventor: MONTIEL J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2799077	A1	20010330	FR 9912260	A	19990927	200159	B

Priority Applications (No Type Date): FR 9912260 A 19990927
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
FR 2799077 A1 7 H04L-009/32

Abstract (Basic): FR 2799077 A1

NOVELTY - The secure access control has a strong coupling between the web server and a firewall, using physical shielding and interconnection of hardware and software elements so that access to the server can be through the firewall only. A secure HTTP tunnel transports messages between the external client and the server. Messages are formatted in XML, and use strong encryption and authentication algorithms.

USE - Access to databases and **e - commerce transactions**

ADVANTAGE - Enhanced security in web-based database access and **e - commerce transactions**.

DESCRIPTION OF DRAWING(S) - The drawing shows a block schematic of the system (the drawing contains non-English language text).

pp 7 DwgNo 2/3

Title Terms: SECURE; WEB; SERVE; ACCESS; SERVICE; REQUIRE; SECURE; TRANSFER; CONFID; DATA; USER; AUTHENTICITY

Derwent Class: T01; W01
International Patent Class (Main): H04L-009/32
International Patent Class (Additional): **G06F-017/60** ; H04L-012/28
File Segment: EPI

13/5/45 (Item 36 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013914068 **Image available**
WPI Acc No: 2001-398281/200142
XRPX Acc No: N01-293534
Facilitating computerized shopping on shopping web site by browsing associated merchants on Internet by providing user access to selected merchant web site while concealing identity information of user is from merchant web site
Patent Assignee: PLANESIA INC (PLAN-N)
Inventor: EDWARDS D B; FERNANDEZ G; KIM R P
Number of Countries: 094 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200145011	A1	20010621	WO 2000US34031	A	20001215	200142	B
AU 200122656	A	20010625	AU 200122656	A	20001215	200162	

Priority Applications (No Type Date): US 99171057 P 19991216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200145011	A1	E	35	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200122656	A			G06F-017/60	Based on patent WO 200145011

Abstract (Basic): WO 200145011 A1
NOVELTY - A choice of links to merchant web sites is transmitted to a user who may select the link to a **merchant** web site to which an access is provided. Identity **information** of the **user** is **concealed** from the **merchant** web site. A selection of products from the merchant's web site is received from the user by placing them into a master shopping cart. An order for the user's purchases is then transmitted to the selected merchant web site.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:
(a) a system for using a computer to facilitate computerized shopping on a shopping website
(b) a computer device comprising a computer readable medium
USE - For facilitating shopping that maintains user privacy while allowing users to browse associated merchants on the Internet and make direct marketing connections between the user and a merchant.
ADVANTAGE - Allows users to browse merchant web sites while being able to maintain user privacy. Allows merchants to effectively target the users the merchant wants to reach. Simplifies the shopping process on the Internet and offers the users of the web site that can 'do it all' when it comes to shopping on the **Internet** . Capable to **order** items for any particular date in the future.
DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the routine that illustrates interaction that takes place between the user and affiliated merchants of the system.
pp 35 DwgNo 2/5
Title Terms: FACILITATE; SHOPPING; SHOPPING; WEB; SITE; ASSOCIATE; MERCHANT; USER; ACCESS; SELECT; MERCHANT; WEB; SITE; CONCEAL; IDENTIFY; INFORMATION; USER; MERCHANT; WEB; SITE
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/46 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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01384402 **Image available**
WPI Acc No: 2001-328237/200134
XRPX Acc No: N01-236177
Computer network portal system for electronic commerce on Internet , has network order generator which replaces customer data in purchase data in purchase order with network data, to generate network purchase order
Patent Assignee: JONES M R (JONE-I)
Inventor: JONES M R
Number of Countries: 092 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200124081	A2	20010405	WO 2000US24521	A	20000907	200134	B
AU 200071201	A	20010430	AU 200071201	A	20000907	200142	
EP 1221119	A2	20020710	EP 2000959972	A	20000907	200253	
			WO 2000US24521	A	20000907		

Priority Applications (No Type Date): US 2000629551 A 20000731; US 99405359 A 19990914
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200124081	A2	E	36	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200071201	A			G06F-017/60	Based on patent WO 200124081
EP 1221119	A2	E		G06F-017/60	Based on patent WO 200124081
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					

Abstract (Basic): WO 200124081 A2
NOVELTY - Portal server connectable to computer network receives item information from vendor and presents it to customer. Also, a customer purchase order is received from the customer for purchasing an item which includes item data and customer data. **Network order** generator replaces customer data in customer **purchase order** with network data which is irrelevant to item data and network data.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
(a) Method for ordering item to vendor;
(b) Internet portal system connectable through Internet;
(c) Payment method for electronic commerce opportunities offered by vendor through computer network
USE - For electronic commerce on Internet.
ADVANTAGE - Direct communication is not necessary between customers and vendors when **customer** purchase item through the system. **Customers** need **not disclose** finance **data** to vendors. They can always deal with trusted **party** that is portal service provider. Customer need not have any special software to use portal system as long as they have access to customer interface terminal which is capable of handling communication with computer network. Can use conventional communication unit to obtain item information. So customer who do not have computer network also benefit from portal system.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of computer network in which computer network portal system is connected.
pp 36 DwgNo 1/9
Title Terms: COMPUTER; NETWORK; PORTAL; SYSTEM; ELECTRONIC; NETWORK; ORDER; GENERATOR; REPLACE; CUSTOMER; DATA; PURCHASE; DATA; PURCHASE; ORDER; NETWORK; DATA; GENERATE; NETWORK; PURCHASE; ORDER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/47 (Item 38 from file: 350)
DIALOG(R File 350:Derwent WPIX
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01357619 **Image available**
WPI Acc No: 2001-060401/200107
XRPX Acc No: N01-045199
Transaction assisting method for e - commerce using internet, involves assigning transportation details relevant to delivery location, based on shipping request and credit information concealed customer data
Patent Assignee: LEE P (LEEP-I)
Inventor: LEE P
Number of Countries: 086 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200054190	A2	20000914	WO 2000CA263	A	20000310	200107	B
AU 200032661	A	20000928	AU 200032661	A	20000310	200107	

Priority Applications (No Type Date): US 99266016 A 19990311
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200054190	A2	E	22	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200032661 A G06F-017/60 Based on patent WO 200054190

Abstract (Basic): WO 200054190 A2
NOVELTY - Electronic message with data identifying the consumer and purchase request, is sent from customer computer connected to internet to a central computer. The central computer generates and sends shipping request to preset sellers of goods via seller computer. Based on shipping request, transportation of specified goods to specified location is assigned relevant to credit **information concealed customer data** .
USE - For providing e-commerce through **internet** utilized in selling various goods.
ADVANTAGE - Economic saving is achieved through the centralized and coordination of the transportation without need for providing personal credit information completely.
DESCRIPTION OF DRAWING(S) - The figure shows the schematic illustration of the transaction method.
pp 22 DwgNo 1/1
Title Terms: TRANSACTION; ASSIST; METHOD; ASSIGN; TRANSPORT; DETAIL; RELEVANT; DELIVER; LOCATE; BASED; SHIPPING; REQUEST; CREDIT; INFORMATION; CONCEAL; CUSTOMER; DATA
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/48 (Item 39 from file: 350)
DIALOG(R File 350:Derwent WPIX
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01351762 **Image available**
WPI Acc No: 2001-001827/200101
XRPX Acc No: N01-001476
Secured electronic transaction procedure in credit card companies, involves selecting decoding key corresponding to electronic information for decoding encrypted information
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2000268097 A 20000929 JP 9973116 A 19990318 200101 B

Priority Applications (No Type Date): JP 9973116 A 19990318
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2000268097 A 10 G06F-017/60

Abstract (Basic): JP 2000268097 A
NOVELTY - A key generation apparatus generates encryption and decoding keys. A store apparatus encrypts the electronic information with the generated encryption key and delivers the encrypted information to a customer apparatus by simultaneous broadcast. The customer apparatus chooses a decoding key corresponding to the electronic information and decodes the encrypted information.
DETAILED DESCRIPTION - A key ID identifies the pair of encrypted and decoding keys generated. The encryption and decoding are repeated with different keys. An INDEPENDENT CLAIM is also included for secured electronic **transaction** program.
USE - In credit card companies for account settlement in internet shopping.
ADVANTAGE - Encryption is given to payment indication data, so that only settlement of account person apparatus is known, thus **customer** apparatus can **hide** the relevant **information** corresponding to settlement of account, resulting in secured privacy protection to the customer.
DESCRIPTION OF DRAWING(S) - The figure shows the system illustrating the **electronic** **transaction** procedure.
pp 10 DwgNo 1/10
Title Terms: SECURE; ELECTRONIC; TRANSACTION; PROCEDURE; CREDIT; CARD; COMPANY; SELECT; DECODE; KEY; CORRESPOND; ELECTRONIC; INFORMATION; DECODE; ENCRYPTION; INFORMATION
Derwent Class: P85; T01; T05; W01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G09C-001/00; H04L-009/08; H04L-009/32
File Segment: EPI; EngPI

13/5/49 (Item 40 **from file: 350**)
DIALOG(R) File 350:Derwent WPIX
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01351334
WPI Acc No: 2000-685294/200067
XRPX Acc No: N00-506485
Method for updating information for its processing in information system
Patent Assignee: VESELOV V F (VESE-I)
Inventor: VESELOV V F
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
RU 2150143 C1 20000527 RU 98110926 A 19980617 200067 B

Priority Applications (No Type Date): RU 98110926 A 19980617
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
RU 2150143 C1 G06F-017/60

Abstract (Basic): RU 2150143 C1
NOVELTY - Method involves converting **confidential** **information** produced by contact of several **users** from linear array into n-dimensional matrix, which has altered order of information cells. Then method involves using such n-dimensional matrix for production of new linear array, in which content of information cells is separated by special characters into several pieces, each of which is appended with identifiers of users participated in the contact. Then array is stored

in respective databases. When next contact is established, confidential information can be received again only when all participants of previous contact call their respective pieces from databases. Then method involves processing of joint pieces in order, which is reverse to order used after their first contact.
USE - Computer engineering, in particular, running of electronic financial transactions .
ADVANTAGE - Increased protection of confidential information against unauthorized access. 7 cl, 1 dwg
pp 9 DwgNo 0/0
Title Terms: METHOD; UPDATE; INFORMATION; PROCESS; INFORMATION; SYSTEM
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-157-00
File Segment: EPI

13/5/50 (Item 41 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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01338077 **Image available**
WPI Acc No: 2000-552708/200051
XRPX Acc No: N00-409136
Confidential information distribution system for use in electronic commercial transaction application, selects final communication companion based on self information received from transmitting party
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000215245	A	20000804	JP 9917390	A	19990126	200051	B

Priority Applications (No Type Date): JP 9917390 A 19990126
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000215245	A		12	G06F-017/60	

Abstract (Basic): JP 2000215245 A
NOVELTY - An intermediate holder stores minimum details of final communication companion's determination information, based on evaluation function from companion. Minimum details are output to the transmitting party which outputs a self information. A selector selects a preset final communication companion, based on the self **information**, and transmits **confidential information** of the transmitting **party**.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
a information distribution method;
b information distribution program
USE - For transmitting confidential information such as credit card number to final companion such as bank for **electronic** commercial transaction application.
ADVANTAGE - Privacy in transaction is maintained reliably.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of confidential information distribution system.
pp 12 DwgNo 1/8
Title Terms: CONFIDE; INFORMATION; DISTRIBUTE; SYSTEM; ELECTRONIC; COMMERCIAL; TRANSACTION; APPLY; SELECT; FINAL; COMMUNICATE; COMPANION; BASED; SELF; INFORMATION; RECEIVE; TRANSMIT; PARTY
Derwent Class: P85; T01; W01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G09C-001/00; H04L-009/32
File Segment: EPI; EngPI

13/5/51 (Item 42 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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01325480 **Image available**
WPI Acc No: 2000-426683/200037
XRPX Acc No: N00-318310
Purchase order processing system in internet shopping, checks for account settlement information before accepting order
Patent Assignee: CANON KK (CANO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000148858	A	20000530	JP 98324220	A	19981113	200037	B

Priority Applications (No Type Date): JP 98324220 A 19981113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000148858	A		38	G06F-017/60	

Abstract (Basic): JP 2000148858 A
NOVELTY - The server (110) outputs goods information based on which order demand from client (140). Purchase order receiver unit (313) of server (110) sends request data to accounts settlement server (120) for checking accounts settlement of the received order. Based on output of account settlement server, server (110) accepts and processes the order.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for purchase order processing program.
USE - For processing **purchase order in internet** shopping.
ADVANTAGE - As exchange of data between order received processing apparatus and settlement of account processing apparatus takes place without going through order apparatus, relevant **information** are kept confidential and settlement of account processing is done without affecting customer 's operativity.
DESCRIPTION OF DRAWING(S) - The figure shows the module components of settlement of account system.
Server (110)
Accounts settlement server (120)
Client (140)
Purchase order receiver unit (313)
pp; 38 DwgNo 3/19
Title Terms: PURCHASE; ORDER; PROCESS; SYSTEM; SHOPPING; CHECK; ACCOUNT; SETTLE; INFORMATION; ACCEPT; ORDER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

13/5/52 (Item 43 from **file: 350**)
DIALOG(R)File 350:Derwent WPIX
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013106299 **Image available**
WPI Acc No: 2000-278170/200024
XRPX Acc No: N00-209513
Electronic settlement-of-accounts authentication system for online shopping by internet, authenticates credit-card number of user and outputs to electronic commercial transaction service provider apparatus
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000076336	A	20000314	JP 98244726	A	1998083	200024	B

Priority Applications (No Type Date): JP 98244726 A 19980831
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000076336	A		13	G06F-017/60	

Abstract (Basic): JP 2000076336 A

NOVELTY - The **secrecy information** such as credit-card number of the respective user is obtained and is output to an authentication unit (1-7) of a credit-card settlement-of-accounts system (1-9) via public telecommunication network (1-3), for authentication. The authenticated result is then output to **electronic** commercial transaction service provider apparatus (1-6).

DETAILED DESCRIPTION - The goods purchase order data is transmitted and received between user terminal (1-1) and **electronic** commercial **transaction** service provider apparatus (1-6) via internet (1-5) and public telecommunication network (1-3), respectively.

USE - For **electronic** commercial- **transaction** service system used for electronic commercial **transactions** such as **online** shopping by internet.

ADVANTAGE - Prevents leakage of **secrecy information** and maintains user 's credit-card information and management, hence **electronic** commercial **transaction** is performed simply and safely. Trouble generation such as inaccurate claim of fee by user's wrongful act can be prevented, hence **electronic** commercial **transaction** service reliability can be raised.

DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of electronic commercial **transaction** service system.

User terminal (1-1)

Public telecommunication network (1-3)

Internet (1-5)

Electronic commercial **transaction** service provider apparatus (1-6)

Authentication unit (1-7)

Credit-card settlement-of-accounts system (1-9)

pp; 13 DwgNo 1/10

Title Terms: ELECTRONIC; SETTLE; ACCOUNT; AUTHENTICITY; SYSTEM; SHOPPING; CREDIT; CARD; NUMBER; USER; OUTPUT; ELECTRONIC; COMMERCIAL; TRANSACTION; SERVICE; APPARATUS

Derwent Class: P85; T01; W01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G09C-001/00; H04L-009/32; H04L-011/64; H04L-012/58; H04M-003/42

File Segment: EPI; EngPI

13/5/53 (Item 44 from **file: 350**)

DIALOG(R)File 350:Derwent WPIX

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012074305 **Image available**

WPI Acc No: 1998-491216/199842

XRPX Acc No: N98-384347

Goods selling method **using** network **- involves verifying signature** information received **from purchase terminal with** confidential information by fee-charge **apparatus, based on which** user **is made to pay** price for goods to **selling system**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10214288	A	19980811	JP 9716271	A	19970130	199842	B

Priority Applications (No Type Date): JP 9716271 A 19970130

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10214288	A		6	G06F-017/60	

Abstract (Basic): JP 10214288 A

The method involves transmitting the purchase information and terminal information to a selling apparatus from a purchase terminal. The selling apparatus provides the information of goods to the purchase terminal, based on the reception of purchase information.

The purchase terminal receives the sales information from the selling apparatus and sends out the purchase terminal identification information to a fee-charge apparatus. The fee charge apparatus

verifies the correctness of signature information received from the purchase terminal with the **confidential information** . When the verification result is correct, then the **user** is made to pay the price for the goods to the selling system.

ADVANTAGE - Enables to carry out sales electronically via network. Attains simple network billing management without any forgery.

Dwg.2/3

Title Terms: GOODS; SELL; METHOD; NETWORK; VERIFICATION; SIGNATURE; INFORMATION; RECEIVE; PURCHASE; TERMINAL; CONFIDE; INFORMATION; FEE; CHARGE; APPARATUS; BASED; USER; MADE; PAY; PRICE; GOODS; SELL; SYSTEM
Index Terms/Additional Words: MUSIC; APPARATUS
Derwent Class: P85; T01; T05; W01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-019/00; G09C-001/00; H04L-009/32
File Segment: EPI; EngPI

13/5/54 (Item 45 from **file: 350**)
DIALOG(R)File 350:Derwent WPIX
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012068809 **Image available**
WPI Acc No: 1998-485720/199842
XRPX Acc No: N98-379265

Goods selling system for electronic shopping through internet - includes user investigation unit to evaluate credit status of user based on purchasing information or individual information of user

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10207962	A	19980807	JP 97167302	A	19970624	199842	B

Priority Applications (No Type Date): JP 96308369 A 19961119
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10207962	A		14	G06F-017/60	

Abstract (Basic): JP 10207962 A

The system includes a user terminal (3-1-3-n) which is connected to a server (1) through a communication **network** . After **purchasing** a set of goods, the user terminal transmits the **purchasing** information to the server . A user investigation unit (22a) is provided to evaluate the credit status of **user** using the purchasing **information** or the secret **information** provided individually.

ADVANTAGE - Enables transmitting and receiving information between server and user terminals, reliably.

Dwg.1/10

Title Terms: GOODS; SELL; SYSTEM; ELECTRONIC; SHOPPING; THROUGH; USER; INVESTIGATE; UNIT; EVALUATE; CREDIT; STATUS; USER; BASED; PURCHASE; INFORMATION; INDIVIDUAL; INFORMATION; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
International Patent Class (Additional): G06F-013/00
File Segment: EPI

13/5/55 (Item 46 from **file: 350**)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

011440307 **Image available**
WPI Acc No: 1997-418213/199739
Related WPI Acc No: 1998-247039
XRPX Acc No: N97-348275

Network card transaction system having good security against unauthorised access - uses on-line communications and secret private key encryption for transactions

Patent Assignee: CARD CALL SERVICE CO LTD (CARD-N)
Inventor: ABA Y
Number of Countries: 041 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 791901	A2	19970827	EP 97301134	A	19970221	199739	B
WO 9731321	A1	19970828	WO 97JP434	A	19970219	199740	
AU 9718105	A	19970910	AU 9718105	A	19970219	199802	
CN 1211336	A	19990317	CN 97192329	A	19970219	199930	
TW 357525	A	19990501	TW 97102020	A	19970220	199937	
KR 9908712	A	19991215	WO 97JP434	A	19970219	200056	
			KR 98706490	A	19980820		

Priority Applications (No Type Date): JP 9670834 A 19960221
Cited Patents: No-SR.Pub; 6.Jnl.Ref; DE 3789769; EP 277247; HK 9600969; JP 6141100; JP 63036634; US 5016276; WO 8801120
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 791901	A2	E	12	G07F-007/10	
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
WO 9731321	A1	J	24	G06F-017/60	
Designated States (National): AU BG BR CA CN CU CZ HU IL KR LT MX NO NZ PL RO RU SG SK TR UA VN					
AU 9718105	A			G06F-017/60	Based on patent WO 9731321
CN 1211336	A			G06F-017/60	
TW 357525	A			H04L-009/00	
KR 9908712	A			G06F-017/60	Based on patent WO 9731321

Abstract (Basic): EP 791901 A

The system operates by the card holder asking the seller to send order form data. He then enters the purchase data via terminal (1) and enters respective identifiers of the **seller** , the card manager and the delivery service company into **secret** private key (6). After partial data has been duplicated by the card holder, common cryptokeys are generated. When the seller receives the communication data through terminal (2), he enters the identifier into his secret private key to generate the common cryptokey for use between himself and the card holder.

The card manager then authenticates the card holder and funds will be transferred if legitimate. The seller transmits a request for delivery of the goods to the delivery service company, which enters the card holder identifier into its secret private key.

USE/ADVANTAGE - E.g. for operations or **transactions** via **online** communications on the Internet, personal computer communication **networks** etc, particularly **transaction** systems using security or identification cards such as credit or debit cards for e.g. settling payments. Prevents third parties from impersonating card manager, as well as seller or delivery company.

Dwg.1/3

Title Terms: NETWORK; CARD; TRANSACTION; SYSTEM; SECURE; UNAUTHORISED; ACCESS; ON-LINE; COMMUNICATE; SECRET; PRIVATE; KEY; ENCRYPTION; TRANSACTION
Derwent Class: T04; T05; W01
International Patent Class (Main): **G06F-017/60** ; G07F-007/10; H04L-009/00
International Patent Class (Additional): G07F-019/00
File Segment: EPI

```
Set     Items   Description
S1        446   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2     499744   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
             WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
             OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
             CE OR ECOMMERCE
S3      31922   S2(4N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
              OR BUYING OR SELLING)
S4     565437   INFORMATION OR DATA OR INFO
S5     277320   PERSONAL OR PRIVATE OR SENSITIV?
S6       7747   S4(4N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
             HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S7     903326   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S8       1393   S6(5N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR -
             PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
             NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
             TAILER?)
S9         68   S3(20N)S8
S10        35   S9 AND IC=G06F-017/60
?show files
File 348:EUROPEAN PATENTS 1978-2002/Oct W04
         (c) 2002 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20021031,UT=20021024
         (c) 2002 WIPO/Univentio
```

10/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

01417819
Formatted electronic transactions
Formatierte elektronische Transaktionen
Transactions electroniques formatees
PATENT ASSIGNEE:
Nokia Corporation, (3988870), Keilalahdentie 4, 02150 Espoo, (FI), (Applicant designated States: all)
INVENTOR:
Hyyppa, Petri, Paalikatu 14, 90520 Oulu, (FI)
Markkanen, Panu, Kuovitie 1B3, 90540 Oulu, (FI)
Piikivi, Lauri, Rantakastellintie 14D2, 90230 Oulu, (FI)
Cofta, Piotr, Itamerenkatu 8 A 14, 00180 Helsinki, (FI)
LEGAL REPRESENTATIVE:
Ruuskanen, Juha-Pekka et al (81772), Page White & Farrer, 54 Doughty Street, London WC1N 2LS, (GB)
PATENT (CC, No, Kind, Date): EP 1197929 A2 020417 (Basic)
APPLICATION (CC, No, Date): EP 2001308187 010926;
PRIORITY (CC, No, Date): GB 25198 001013; GB 105266 010302
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07F-007/10; **G06F-017/60**
ABSTRACT WORD COUNT: 50
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200216	796
SPEC A	(English)	200216	5012
Total word count - document A			5808
Total word count - document B			0
Total word count - documents A + B			5808

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION of the present invention.
The mobile station 1 is adapted to facilitate use thereof for **electronic transactions** and for exchange of **confidential user information** between the mobile station and a remote party. For example, the user of the mobile...

10/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

01297728
Electronic commerce system and its method
System fur den elektronischen Handel und geeignetes Verfahren
Systeme de commerce electronique et sa methode
PATENT ASSIGNEE:
Net Protections, Inc., (3202900), Akasaka Yoko Bldg. 2F, 4-8-6 Akasaka, Minato-ku, Tokyo, (JP), (Applicant designated States: all)
INVENTOR:
Partos, Jerome, c/o Net Protections, Inc., Akasaka Yoko Bldg. 2F, 4-8-6 Akasaka, Minato-ku, Tokyo, (JP)
Enomoto, Akira, c/o Net Protections, Inc., Akasaka Yoko Bldg. 2F, 4-8-6 Akasaka, Minato-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Sperling, Rudiger, Dipl.-Ing. (50661), Patentanwalte Staeger & Sperling Mullerstrasse 3, 80469 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1113377 A2 010704 (Basic)

APPLICATION (CC, No, Date): EP 2000128277 001222;
PRIORITY (CC, No, Date): JP 99374301 991228; JP 2000372398 001207
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/60**
ABSTRACT WORD COUNT: 219
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200127	7451
SPEC A	(English)	200127	11648
Total word count - document A			19099
Total word count - document B			0
Total word count - documents A + B			19099

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...CLAIMS of electronic transaction as claimed in claim 40, claim 32 or claim 38, wherein said **electronic transaction** method includes:
a step in which a **customer** 's terminal requests **confidentiality** of **customer information** :
a step in which the sales information coordinating organization ascertains if such a confidentiality request...
...of electronic transaction as claimed in claim 41, claim 43 or claim 45, wherein said **electronic transaction** method includes:
a step in which a **customer** 's terminal requests **confidentiality** of **customer information** ;
a step in which the sales information coordinating organization ascertains if such a confidentiality request...

10/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

01030324
MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)
INVENTOR:
TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156-0043, (JP)
LEGAL REPRESENTATIVE:
Casalonga, Axel (14511), BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8, 80469 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)
WO 9909502 990225
APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813
PRIORITY (CC, No, Date): JP 97230564 970813
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-017/60**
ABSTRACT WORD COUNT: 150
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585

Total word count - document B 0
Total word count - documents A + B 177585

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION select a credit card to be used for payment (to display on the LCD the **electronic** credit card to be used for the payment: see Fig. 3A). Then, the **user** enters the amount of the payment using the number key switches 308 and depresses the...

10/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00901235
Interactive multimedia advertising and electronic commerce on a hypertext network
Interaktive Multimedia-Werbung und elektronischer Handel in einem Hypertextnetz
Publicite interactive multimedia et commerce electronique sur un reseau hypertexte
PATENT ASSIGNEE:
AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (Applicant designated States: all)
INVENTOR:
Apte, Jitendra, 28 Ann Court, Tinton Falls, N.J. 07724, (US)
Roesler, Marina Lima, 471 Channing Avenue, Westfield, N.J. 07090, (US)
LEGAL REPRESENTATIVE:
Kuhnen & Wacker (101501), Patentanwaltsgesellschaft mbH, Alois-Steinecker-Strasse 22, 85354 Freising, (DE)
PATENT (CC, No, Kind, Date): EP 822535 A2 980204 (Basic)
EP 822535 A3 001004
APPLICATION (CC, No, Date): EP 97113326 970801;
PRIORITY (CC, No, Date): US 691900 960801
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
INTERNATIONAL PATENT CLASS: G09F-027/00; G06F-017/30; **G06F-017/60**
ABSTRACT WORD COUNT: 97
NOTE:
Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9806	1986
SPEC A	(English)	9806	5381

Total word count - document A 7367
Total word count - document B 0
Total word count - documents A + B 7367

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...CLAIMS purchaser information, comprising the steps of:
a. obtaining user purchaser information;
b. storing said user **purchaser** information on said **server** ;
c. associating said **user purchaser information** with a **confidential** authentication password, said password known to the user and recognized by said server.
38. The...

10/3,K/5 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00939401 **Image available**
METHOD FOR MAKING PURCHASES **OVER THE** INTERNET **WHEREBY THE**

CONFIDENTIALITY OF DATA PROVIDED BY THE USER IS PROTECTED
PROCEDE PERMETTANT D'EFFECTUER DES ACHATS SUR INTERNET GARANTISSANT LA PROTECTION DE LA CONFIDENTIALITE DES DONNEES FOURNIES PAR L'UTILISATEUR
PROCEDIMIENTO PARA EFECTUAR COMPRAS A TRAVES DE INTERNET CON PROTECCION DE LA CONFIDENCIALIDAD DE LOS DATOS PROPORCIONADOS POR EL USUARIO
Patent Applicant/Assignee:
SERVICIOS PARA MEDIOS DE PAGO S A, Gustavo Fernandez Balbuena, 15, E-28002 Madrid, ES, ES (Residence), ES (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
RODRIGUEZ BONACHERA Enrique, Gustavo Fernandez Balbuena, 15, E-28002 Madrid, ES, ES (Residence), ES (Nationality), (Designated only for: US)
Legal Representative:
COBAS HORCAJO Susana (agent), Propi, S.L., Jorge Juan, 19, E-28001 Madrid , ES,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200273556 A1 20020919 (WO 0273556)
Application: WO 2001ES97 20010313 (PCT/WO ES0100097)
Priority Application: WO 2001ES97 20010313
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: Spanish
Filing Language: Spanish
Fulltext Word Count: 2377

METHOD FOR MAKING PURCHASES OVER THE INTERNET WHEREBY THE CONFIDENTIALITY OF DATA PROVIDED BY THE USER IS PROTECTED
International Patent Class: G06F-017/60

10/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00933152 **Image available**
EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES
Patent Applicant/Assignee:
THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US , US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US , US (Residence), US (Nationality), (Designated only for: US)
DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)
Application: WO 2001US51437 20011019 (PCT/WO US0151437)
Priority Application: US 2000694050 20001020
Parent Application/Grant:
Related by Continuation to: US 2000694050 20001020 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 243912

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... PG M Update Ofte 1 3 6.1
Dkeclory(AWIL832A) MOD Convert
Journal Entries lo
Transactions
(AMLS32A001)
DA Transmission Control Id
(DAAMTCID)
MOD Deteffnine
Company&lnvoke
bend Office Updates
(AML832AO02)
1...EDI transmission received from the Rental Management Trading rtner.

@Purpose: To allow the Rental Management **Trading** Partner an **electronic** ans of creating rental reservations and managing their rental payment/direct 11ing responsibility authorization information...Sunday at 1:30pfii. The "real-time" receiver jobs abnormally end executi03 m the EDI **trading** partners shutdown their communication environment at 11:00pm.

Bse programs will normally end when receiving...and save the AMSET key to wri DQAM25V1 when the SETE01 record format is read.

Confidential Page 19 of 246 8/11/00
ARMS Process Report
@Notes.

This program is only...approved surcharges to be routed to a distributed ital application system host platform.

- IF a **Customer** Extension/Termination, functional group type EX is !eived from a **Trading** **Partner** Company for a defined Profile ID AND the BCO.or luster code is different than...a data queue entry to generate an
@ctronic invoice (and create an associated ARMS Rental **Transaction** Cross-Referenc4 4XREF) file record) when the trading **partner** never sent to ERAC (via ARMS) any Ltial rental authorization.

When a Request for an...this program are the following.

output I character RETURN CODE
Input/Output 20 character VENDOR **TRANSACTION** ID
Input/Output 5 character ARMS TRADING PARTNER COMPANY PROFI!
Input/Output 20 character CUSTOMER...

10/3,K/7 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00916641 **Image available**
METHOD AND SYSTEM FOR USING OPTICAL DATA CARDS AS PORTABLE SECURE UNIFIED PLATFORMS FOR PERFORMING A VARIETY OF SECURE ON-LINE TRANSACTIONS
PROCEDE ET SYSTEME D'UTILISATION DE CARTES OPTIQUES COMME PLATES-FORMES UNIFIEES, SECURISEES, PORTATIVES, POUR EFFECTUER UNE PLURALITE DE TRANSACTIONS EN LIGNE SECURISEES
Patent Applicant/Assignee:
CD CARD LTD, Hilazon Street 1, Ramat Gan 52522, IL, IL (Residence), IL (Nationality), (For all designated states except: US)
ESHEL Ayelet, Hatzanhamin Street 11, Gavitayim 53489, IL, IL (Residence), IL (Nationality), (Designated only for: US)
FRIEDMAN Mark M, Alharizi Street 1, Raanana 43407, IL, IL (Residence), US (Nationality), (Designated only for: TJ)
Patent Applicant/Inventor:
PELED Jakob, Ella Street 5, Rosh Ha'ayin 48560, IL, IL (Residence), IL (Nationality), (Designated only for: US)
LIVNE Bezalel, Kyhilat Venezia 7, Tel Aviv 69400, IL, IL (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
FRIEDMAN Mark M (agent), c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200250743 A1 20020627 (WO 0250743)
Application: WO 2001US3764 20010206 (PCT/WO US0103764)
Priority Application: US 2000256569 20001220
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 33447

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... during the connection attempt, if properly supported, service provider 20 prompts an authentication mechanism requiring **user** 16 to present **secret data** and/or **information** involving an above described peripheral device type of **on - line** user/ **transaction** authentication protocol. In such cases, accordingly, user 16 is authenticated by operation of at least...

10/3,K/8 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00893469 **Image available**
SYSTEM AND METHOD FOR PROCESSING A SECURE CONSUMER TRANSACTION THROUGH A NETWORK
SYSTEME ET PROCEDE DE TRAITEMENT D'UNE TRANSACTION SECURISEE DE CONSOMMATEUR PAR L'INTERMEDIAIRE D'UN RESEAU
Patent Applicant/Assignee:
R G TECQ INC, Suite 1600, 10940 Wilshire Boulevard, Los Angeles, CA 90024 , US, US (Residence), US (Nationality)
Inventor(s):
PATAWARAN Rogel, 3399 East 19th Street, Long Beach, CA 90804, US,

Legal Representative:
REDJAIAN Babak (agent), Irell & Manella LLP, 840 Newport Center Drive, Suite 400, Newport Beach, CA 92660, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200227624 A1 20020404 (WO 0227624)
Application: WO 2001US30758 20011001 (PCT/WO US0130758)
Priority Application: US 2000676343 20000929
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4999

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

English Abstract
...may include a proprietary encryption algorithm that encrypts confidential information that is transmitted to the **transaction server** (20) in a request to authorize the transaction between the consumer computer (12) and the **merchant** server (16). The **confidential information** may be located within two or three layers of encryption. The **transaction server** (20) obtains authorization from the processing network (926). The authorization is provided to the merchant...

Detailed Description
... number of merchant web sites that allow consumers to purchase goods and services through the **Internet** . To complete a **transaction** to purchase goods and/or services the consumer -0005 (POOIPCT) 2
must typically provide **confidential** debit or credit **information** that allows the **merchant** to receive payment from a financial institution such as a bank, or credit card institution...

...The host computer can then send a request to a bank server and a merchant **server** to complete a commercial **transaction** . In this system the **merchant** server receives the **confidential information** . The
merchant server thus provides another point of entry for illegal access to the information.

-0005 (P001PCT...

...and security methods of the prior art are still susceptible to illegal access of the **consumer** 's **confidential information** . It would be
desirable to provide a system and method that enhanced the security of a consumer **transaction** through a **network** .

BRIEF SUMMARY OF THE INVENTION
One embodiment of the present invention includes a consumer computer...

...may
include a proprietary encryption algorithm that encrypts confidential information that is transmitted to the **transaction server** in a request to
authorize the transaction between the consumer computer and the **merchant**

server. The **confidential information** may be located within two or

three
layers of encryption. The **transaction server** obtains authorization from the
processing network. The authorization is provided to the merchant server and consumer computer so that the **consumer** transaction can be completed.

The **confidential information** is then purged from the **transaction server** .

BRIEF DESCRIPTION OF THE DRAWINGS
Figure 1 is an illustration of an embodiment of a...

...checkout" and complete the sale.

The merchant server instructs the consumer computer to upload a **transaction** process from a **transaction server** . The **transaction** process may include a proprietary encryption algorithm.

The **consumer** may enter **confidential** credit/debit **information** by either swiping a credit card or automated teller machine (ATM) card through a magnetic...

...is also entered through a pin pad when an ATM card is used by the **consumer** . The **confidential information** is encrypted by the proprietary encryption algorithm and then encrypted again when transmitted to the **transaction server** with a secure socket layer (SSL)
protocol. If an ATM card is used the PIN...
...have three layers of encryption, pin pad encryption, proprietary algorithm encryption and SSL encryption.

The **consumer** computer transmits the encrypted **confidential information** in an authorization request provided to the **transaction server** .

The **transaction server** decrypts the data and transmits an authorization
request to a processing network. The processing network...

...the
merchant server and the consumer computer so that the transaction can be completed. The **merchant** server does not receive the **confidential**
-0005 (PO01PCT) 5
information from either the **consumer** computer or the **merchant** server.

The **confidential information** is purged from the **transaction server** .

The three layers of encryption decreases the likelihood of a successful illegal access of the confidential information. Additionally, security is enhanced because the **confidential information** is not provided to the **merchant** server and not retained by the **transaction server** . Uploading
the **transaction** process and the proprietary encryption algorithm further
reduces the likelihood of a third **party** illegally accessing the **confidential information** . The proprietary algorithm is only resident on the **transaction**
server . A **network** firewall. may be placed between the **transaction server**
and the **network** to prevent illegal access to the server.

Referring to the drawings more particularly by reference...the SSL algorithm. The
message may be a simple id number which instructs the merchant **server**
16

that the **transaction** request has been granted or denied. The **confidential information** of the **consumer** is never sent to the merchant server 16 as part of the process. The confidential...

Claim
... server through said
network, said consumer computer provides an authorization request to complete a consumer **transaction** with said **merchant server** , the authorization request contains **confidential consumer information** ; a **transaction server** that is coupled to said network and receives the authorization request from said **consumer** computer, the **confidential consumer information** being purged from said **transaction server** when the
consumer **transaction** is completed, said **transaction server** provides an
authorization message to said merchant server and said consumer computer for said consumer...

...a confidential encryption algorithm.
-0005 (POOIPCT) 13

4 The system of claim 3, wherein said **transaction server** also provides a key encrypt key.

5 The system of claim 4, wherein the **confidential consumer information** is encrypted with the **confidential** encryption algorithm, and
twice encrypted with the key encrypt key in accordance with a secure...

...server through said
network, said consumer computer provides an authorizaton request to complete a consumer **transaction** with said **merchant server** , the authorization request contains **confidential consumer information** ; a **transaction server** that is coupled to said **network** and provides a **transaction** process to said consumer computer, said **transaction server**
provides an authorization message to said merchant server and said consumer computer for said consumer...

...transaction process
includes a confidential encryption algorithm.

15 The system of claim 14, wherein said **transaction server** also provides a key encrypt key.

16 The system of claim 15, wherein the **confidential consumer information** is encrypted with the **confidential** encryption algorithm, and
twice encrypted with the key encrypt key in accordance with a secure...

...server through said
network, said consumer computer provides an authorization request to complete a consumer **transaction** with said merchant **server** , the
-0005 (PO01PCT) 16
authorization request contains **confidential consumer information** , said
consumer computer having a key encrypt key and a confidential encryption
algorithm, said consumer computer can...transaction through the consumer computer;
transmitting an authorization request from the consumer computer to a **transaction** server, wherein the authorization request includes confidential
consumer **information** ;
transmitting an authorization request from the transaction server to a processing network;
transmitting an authorization grant from the processing **network** to the **transaction server** ;

transmitting an authorization message from the **transaction server** to the merchant **server** and the consumer computer;
completing the **consumer** transaction; and,
purging the **confidential consumer information** from the **transaction server** .
-0005 (PO01PCT) 18
3 1. The method of claim 30, further comprising transmitting a **transaction** process from the **transaction server** to the consumer computer.

32 The method of claim 30, wherein a key encrypt key is transmitted to the consumer computer from the **transaction server** .

33 The method of claim 32, further comprising encrypting **confidential consumer information** within the **consumer** computer with a
proprietary encryption algorithm transmitted from the **transaction server** .

34 The method of claim 33, further comprising creating a personal identification number block that...
...consumer computer;
-0005 (POOIPCT) 19
transmitting an authorization request from the consumer computer to a **transaction server** , wherein the authorization request includes **confidential consumer information** ;
transmitting an authorization request from the **transaction server** to a
processing **network** ;
transmitting an authorization grant from the processing **network** to the **transaction server** ;
transmitting an authorization message from the transaction server to the merchant server and the consumer...

...3 7, wherein a key encrypt key is transmitted to the consumer computer from the **transaction server** .
3 9. The method of claim 3 8, further comprising encrypting **confidential consumer information** within the **consumer** computer with a
proprietary encryption algorithm transmitted from the **transaction server** .
40 The method of claim 39, further comprising creating a personal identification number block that...

...is encrypted within a pin pad.
-0005 (POOIPCT) 20

43 A transaction process for encrypting **confidential consumer information** that is to be transmitted into a **network** to perform a consumer **transaction** , comprising:
encrypting a key encrypt key, a master key and a personal identification number into...

10/3,K/9 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00879862
INTERNET THIRD-PARTY AUTHENTICATION USING ELECTRONIC TICKETS
AUTHENTIFICATION DE TIERS INTERNET PAR UTILISATION DE TICKETS ELECTRONIQUES
Patent Applicant/Assignee:
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Patent Applicant/Inventor:
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Legal Representative:
WANGEROW Ronald W (agent), Kennedy Covington Lobdell & Hickman, L.L.P., Bank of America Corporate Center, 101 North Tryon Street, Suite 4200, Charlotte, NC 28202-4006, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200213016 A1 20020214 (WO 0213016)
Application: WO 2001US24813 20010808 (PCT/WO US0124813)
Priority Application: US 2000223825 20000808
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10329

...International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim

... 25, wherein at least one of the parties adds a preselected expiration time to said **electronic** ticket in **order** to validate said **electronic** ticket, said other of the **parties** permitting said communication of **confidential information** therebetween only if said expiration time has not passed.

22

. A method according to claim 25, wherein at least two of the parties add respective preselected expiration times to said **electronic** ticket in **order** to validate said **electronic** ticket, said other of the **parties** permitting said communication of **confidential information** therebetween only if the earliest of said expiration times has not passed.

28 A method...of adding a preselected expiration time from at least one of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and preventing said other of the **parties** from permitting said cominunication of **confidential information** if said expiration time has passed.

55 A computer-readable medium according to claim 53...

...a preselected expiration time from each of at least two of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and preventing said other of the **parties** from permitting said communication of **confidential information** therebetween if the earliest of said expiration times has passed.

56 A computer-readable medium...

...for adding a preselected expiration time from at least one of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and preventing said other of the **parties** from permitting said communication of **confidential information** if said expiration time has passed.

60 An apparatus according to claim 58, further comprising...

...a preselected expiration time from each of at least two of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and preventing said other of the **parties** from permitting said

communication of **confidential information** therebetween if the earliest of
said expiration times has passed. i

61 An apparatus according...

...to add a preselected expiration time from at least one of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and to prevent said other of the **parties** from permitting said communication of **confidential information** if said expiration time has passed.
70 An apparatus according to claim 68, wherein said...

...a preselected expiration time from each of at least two of the parties to said **electronic** ticket in **order** to validate said **electronic** ticket, and to prevent said other of the **parties** from permitting said communication of **confidential information** therebetween if the earliest of said expiration times has passed.

71 An apparatus according to...

10/3,K/10 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00860470
METHOD AND SYSTEM FOR USING A COMMUNICATIONS NETWORK IN THE SELECTION AND DELIVERY OF PHARMACEUTICAL FORMULATION INFORMATION, TRAINING AND PRODUCTS
PROCEDE ET SYSTEME PERMETTANT D'UTILISER UN RESEAU DE COMMUNICATIONS POUR LA SELECTION ET LA DIFFUSION D'INFORMATIONS RELATIVES A DES PREPARATIONS PHARMACEUTIQUES, FORMATION ET PRODUITS ASSOCIES
Patent Applicant/Inventor:
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Legal Representative:
HANSEN Christine M (agent), Connolly Bove Lodge & Hutz LLP, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200193152 A1 20011206 (WO 0193152)
Application: WO 2001US14191 20010503 (PCT/WO US0114191)
Priority Application: US 2000201630 20000503
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4663

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... provider supplies the necessary data, it is maintained in a completely secure fashion by the **server** . Consequently, during future **transactions** , the data is accessed by the server system locally without having to be transmitted over the Internet again from the **client** system.

In this way, **confidential information** such as the identity of the person

within the health care provider organization making the...

10/3,K/11 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00859513 **Image available**
A METHOD FOR DIRECTING AND EXECUTING CERTIFIED TRADING INTERESTS
PROCEDE DE COMMANDE ET D'EXECUTION D'INTERETS CERTIFIES SUR OPERATIONS
Patent Applicant/Assignee:
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Inventor(s):
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FEDERSPIEL Fred J, 12 Gerlach Place, Larchmont, NY 10538, US,
ANGEL James J, 936 N. Livingston St., Arlington, VA 22205, US,
Legal Representative:
MORRIS Francis E (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200193169 A1 20011206 (WO 0193169)
Application: WO 2001US17519 20010531 (PCT/WO US0117519)
Priority Application: US 2000585049 20000601; US 2000750768 20001229
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 32002

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Claims

Claim
... executed.

68 A computer-iinplemented method of managing market information, comprising the steps ofelectronically receiving **data** including **confidential information** regarding market **participants** ;
electronically receiving an **order** and targeting parameters from a first market participant;
identifying a second market participant that is...on a market.

99 A method of managing market infonnation, comprising the steps ofelectronically receiving **data** including **confidential** infonnation regarding market **participants** ;
electronically storing said received data regarding market participants;
electronically receiving an **order** -related query from a first market participant; based on said reccived data regarding market participants...

10/3,K/12 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00857296 **Image available**
METHOD OF CONDUCTING SECURE TRANSACTIONS CONTAINING CONFIDENTIAL, FINANCIAL, PAYMENT, CREDIT, OR OTHER INFORMATION OVER A NETWORK

PROCEDE POUR EFFECTUER DES TRANSACTIONS SECURISEES CONTENANT DES INFORMATIONS CONFIDENTIELLES, FINANCIERES, DE PAIEMENT, DE CREDIT OU AUTRES SUR UN RESEAU

Patent Applicant/Inventor:
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Legal Representative:
EVERITT Peter R (agent), Kvas Miller Everitt, Suite 3100, 3300 Bloor Street West, Toronto, Ontario M8X 2X3, CA,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200190967 A2 20011129 (WO 0190967)
Application: WO 2001CA749 20010525 (PCT/WO CA0100749)
Priority Application: US 2000578708 20000526

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 6706

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... provide confidential financial information or addresses over the Internet or other public or quasi-public **network** when making **purchases** , conducting e-cornmerce or other transactions, or exchanging **confidential** or other **information** . Similarly, **confidential** , sensitive, financial or other **information** concerning **merchants** or other entities that have "registered" (for example bank accounts, merchant credit card numbers, etc...

10/3,K/13 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00856087
METHOD FOR FACILITATING COMMERCIAL TRANSACTIONS
PROCEDE FACILITANT LES TRANSACTIONS COMMERCIALES

Patent Applicant/Inventor:
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Legal Representative:
COESTER Thomas M (et al) (agent), Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200188802 A2 20011122 (WO 0188802)
Application: WO 2001US10218 20010330 (PCT/WO US0110218)
Priority Application: US 2000572757 20000516

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 3466

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... to the recipient who only sees the client's name and e-mail address. All **transactions** are conducted through secure **servers** , which are protected behind state-of-the-art firewalls. However,, no system exists whereby the **client** controls the transaction and credit **information** is **not revealed** in any form, not even to the transaction facilitator.

Related to confidentiality and client identity...

10/3,K/14 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00846837 **Image available**
AUTHENTICATED PAYMENT
PAIEMENT AUTHENTIFIE
Patent Applicant/Assignee:
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Inventor(s):
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Legal Representative:
FARN Michael W (et al) (agent), Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200178493 A2-A3 20011025 (WO 0178493)
Application: WO 2001US12445 20010417 (PCT/WO US0112445)
Priority Application: US 2000198110 20000417; US 2001818084 20010326
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8525

International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... in hardware and/or firinware.

The buyer registration stage 202 preferably occurs before the actual **online** commerce **transaction** . In this stage 202, the **secret information** is established between the **buyer** I 10 and the authentication service 130. The information is secret in the sense that ...

Claim
... authentication service further perforrns the step ofapplying profile infori-nation about the buyer to the **online** commerce **transaction** .

3 ne method of claim 1 further comprising:
responsive to a determination that the **buyer** has access to the **secret**

information , the authentication service at least partially processing the payment instrument.

4 The method of claim...

...by the authentication service.

7 The method of claim I further comprising:
prior to the **online** commerce **transaction** , the authentication service performing the steps ofreceiving confirmation information which enables the authentication service to
determine whether the **buyer** has access to the **secret information** ; and
storing the confirmation information;
wherein the step of determining whether the buyer has access...
...the processor, the software executing the steps of
in real-time as part of the **online** commerce **transaction** :
receiving a request to verify that the buyer is authorized to use the payment
instrument;
determining whether the **buyer** has access to **secret information** without
revealing the **secret information** to the **seller** , wherein access to the
secret information verifies authority to use the payment instrument; and
responsive to the determination of whether the...to the secret information; and
determining on the basis of the challenge response whether the **buyer** has access to the **secret information** .

29 The software program product of claim 28 wherein the challenge request further
comprises:
a description of the **online** commerce **transaction** for which the payment instrument is
to be used; and
a request for the buyer...

...service communicatively coupled to the seller, for performing, in real-time as part of the **online** commerce **transaction** , the steps ofreceiving a request to verify that the buyer is authorized to use the payment
instrument;
determining whether the **buyer** has access to **secret information** without
revealing the **secret information** to the **seller** , wherein access to the
secret information verifies authority to use the payment instrument; and
responsive to the determination of whether the...

10/3,K/15 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00838266 **Image available**
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROVIDING UNIFIED AUTHENTICATION SERVICES FOR ONLINE APPLICATIONS
SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE POUR FOURNIR DES SERVICES D'AUTHENTIFICATION UNIFIES POUR APPLICATIONS EN LIGNE
Patent Applicant/Assignee:
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Inventor(s):
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Legal Representative:
SOKOHL Robert (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200171961 A1 20010927 (WO 0171961)
Application: WO 2001US9188 20010323 (PCT/WO US0109188)
Priority Application: US 2000191471 20000323; US 2000695060 20001025
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12040

...International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... applications or services provided to users via the Internet necessitates the access or exchange of **confidential user information** . Examples of such applications or services include business-to-business and business-consumer- **e - commerce transactions** , **online** applications such as banking, stock- **trading** , shopping, personalized content **web** sites, and so forth. To avoid providing **confidential information** to the wrong **user** , the **user** (or communication protocol-enabled 0 client such as a web browser) must be authenticated before...

10/3,K/16 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00833839 **Image available**
CLIENT-CENTERED SECURE E-COMMERCE
COMMERCE ELECTRONIQUE SECURISE AXE SUR LE CLIENT
Patent Applicant/Assignee:
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FEATHERSTONE Grenfell, 2518 Kilgary Place, Victoria, British Columbia V8N 1J5, CA, CA (Residence), CA (Nationality), (Designated only for: US)
GIFFORD Don, 267 A Street, Aldergrove, British Columbia V4W 3B8, CA, CA (Residence), CA (Nationality), (Designated only for: US)
Legal Representative:
SMITH Paul (agent), Paul Smith Intellectual Property Law, 330 - 1508 West Broadway, Vancouver, British Columbia V6J 1W8, CA,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200167408 A1 20010913 (WO 0167408)
Application: WO 2000CA1072 20000918 (PCT/WO CA0001072)
Priority Application: CA 2300347 20000310
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4000

International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... means of
transacting purchases of goods and services without requiring disclosure of a purchaser's **confidential** personal financial **information** to **merchants** .
BACKGROUND OF THE INVENTION
Retail **transactions** are increasingly conducted **electronically** over the
Internet . Such **transactions** generally require direct payment by the consumer to the merchant using a credit card or...

10/3,K/17 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00824137 **Image available**
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR ENROLLING AND AUTHENTICATING COMMUNICATION PROTOCOL-ENABLED CLIENTS FOR ACCESS TO INFORMATION
SYSTEME, PROCEDE, ET PRODUIT PROGRAMME INFORMATIQUE SERVANT A ENREGISTRER ET AUTHENTIFIER DES CLIENTS AUTORISES PAR DES PROTOCOLES DE COMMUNICATION, AUX FINS D'ACCES PAR CEUX-CI A DES INFORMATIONS
Patent Applicant/Assignee:
BIONETRIX SYSTEMS CORPORATION, 1953 Gallows Road, Suite 500, Vienna, VA 22182, US, US (Residence), US (Nationality)
Inventor(s):
BAKSHI Bikram Singh, 4648 Ripley Manor Terrace, Olney, MD 20832, US,
Legal Representative:
SOKOHL Robert E (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200157669 A1 20010809 (WO 0157669)
Application: WO 2001US3541 20010205 (PCT/WO US0103541)
Priority Application: US 2000180279 20000204; US 2000185380 20000228; US 2000191471 20000323; US 2000695060 20001025
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9919

...International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... applications or services provided to users via the Internet necessitates the access or exchange of **confidential user information**

. Examples of such applications or services include business-to-business and business-consumer- **e - commerce transactions** , **online** applications such as banking, stock- **trading** , shopping, personalized content **web** sites, and so forth. To avoid providing **confidential information** to the wrong **user** , the **user** (or Communication protocol-enabled I 0 client such as a web browser) must be authenticated...

10/3,K/18 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00820456 **Image available**
E-COMMERCE PRICING ENGINE
MOTEUR DE FIXATION DES PRIX DU COMMERCE ELECTRONIQUE
Patent Applicant/Assignee:
KAUFMAN Gordon M, 19 Rutland Square, Boston, MA 02110, US, US (Residence) , US (Nationality)
Patent Applicant/Inventor:
YAN Kent J, Apt. 310, 2680 Fayette Drive, Mountainside, CA 94040, US, US (Residence), CN (Nationality)
Legal Representative:
RUBENSTEIN Allen I (agent), Gottlieb, Rackman & Reisman, P.C., 8th floor, 270 Madison Avenue, New York, NY 10016, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200154017 A1 20010726 (WO 0154017)
Application: WO 2000US6510 20000313 (PCT/WO US0006510)
Priority Application: US 2000488513 20000120
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7338

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... to locate possible other purchases, market basket software for enabling the customer to accumulate several **purchases** during a single **web** site visit, a secure format for allowing the **customer** to **confidentially** disclose credit **information** , a method for debiting the **customer** 's credit account, and a method for delivering the selected products to the customer, advising...

10/3,K/19 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00818625 **Image available**
SECURE PRIVATE AGENT FOR ELECTRONIC TRANSACTIONS
AGENT PRIVE PROTEGE POUR TRANSACTIONS ELECTRONIQUES
Patent Applicant/Assignee:
APLETTIX INC, 1209 Orange Street, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SHWARTZ Gil, 43 Ha'biluim Street, 52297 Ramat Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)
GRANOV Shay, 16 Shoshan Zachor Street, 71700 Modi'in, IL, IL (Residence),

IL (Nationality), (Designated only for: US)
NETEF Guy, 9 Elkabetz Street, 75774 Rishon le Zion, IL, IL (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
COLB Sanford T (et al) (agent), Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200152127 A1 20010719 (WO 0152127)
Application: WO 2001IL22 20010110 (PCT/WO IL0100022)
Priority Application: US 2000176390 20000113; US 2000737148 20001214
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14077

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... another object of some aspects of the present invention to enable consumers to participate in **electronic transactions** over an insecure channel without exposing **confidential information** to the **merchant** and to preserve anonymity.

It is still another object of some aspects of the present...

10/3,K/20 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00814145
A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
CORNELIUS Richard D, 421 14th Street, Santa Monica, CA 90402, US,
STEPNICZKA Andreas, 2200 Sacramento Street, Apt. 503, San Francisco, CA 94115, US,
CHU Kevin, 490 Lindbergh Place, Apt. 515, Atlanta, GA 30324, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200146889 A2 20010628 (WO 0146889)
Application: WO 2000US35216 20001222 (PCT/WO US0035216)
Priority Application: US 99470805 19991222; US 99469525 19991222; US 99470039 19991222
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

Fulltext Word Count: 98671

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... has not been altered
Non-repudiation.

* the signer cannot deny the signing of the message
Confidentiality .

relevant **information** is kept **secret** , only the receiver is able to decode the encrypted
message in the original plain text
Interoperability with other **eCommerce** Operating Models
Participation in a world-wide certification hierarchy
Cross certification with other certification authorities...

10/3,K/21 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806392
TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139086 A2 20010531 (WO 0139086)
Application: WO 2000US32310 20001122 (PCT/WO US0032310)
Priority Application: US 99444653 19991122; US 99447623 19991122
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 156214

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... automatically caching web content, providing proxy services, managing load balancing such as spreading tasks among **servers** and rerouting data around problems. The capability to reroute **data** around problems includes identify!ng and automatically bypassing an unavailable network object. 1 0 Additional...the host. More elaborate secunity measures are necessary where access may be had to higlily **confidential** **data** .

Some **data** communication **networks** involve a variety of different

customers each of whom makes avallable a host and one...

10/3,K/22 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806384
NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139030 A2 20010531 (WO 0139030)
Application: WO 2000US32324 20001122 (PCT/WO US0032324)
Priority Application: US 99444775 19991122; US 99447621 19991122
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 171499

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... requests for information from the switches 12166-1210, processes the requests, and returns the requested **information** back to the requesting switch 12061210. The switches 1206-1210 use information ftom the DAPs...

...Data Management 1300 encompasses the collection of usage data and events for the purpose of **network** performance and traffic analysis. This **data** may also be an input to Billing (Rating and Discounting) processes at the Service Management...

10/3,K/23 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139028 A2 20010531 (WO 0139028)
Application: WO 2000US32308 20001122 (PCT/WO US0032308)
Priority Application: US 99444773 19991122; US 99444798 19991122
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 170977

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... duplication reduction, distribution facility rationalization, reduced inventories, and manufacturing capacity utilization.

With regards to the **Order** Management component for this illustrative embodiment, benefits for the service provider may include the following ...continuum from CORE to NGN or New CORE. Having identified the appropriate positioning of the **network** , select an architectural scenario that best serves business and technical objectives of the engagement..

Market...

10/3,K/24 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00794336 **Image available**
INTEGRATED COMMERCE ENVIRONMENT (ICE) - A METHOD OF INTEGRATING OFFLINE AND ONLINE BUSINESS
ENVIRONNEMENT DE COMMERCE INTEGRE (ICE) UN PROCEDE D'INTEGRATION D'ENTREPRISE HORS LIGNE ET EN LIGNE
Patent Applicant/Inventor:
HEFNER L Lee Jr, 2835 Berwick Road, Birmingham, AL 35213, US, US (Residence), US (Nationality)
Legal Representative:
WESOLOWSKI Carl R (agent), Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200127838 A1 20010419 (WO 0127838)
Application: WO 2000US28068 20001012 (PCT/WO US0028068)
Priority Application: US 99158381 19991012
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 60287

Main International Patent Class: **G06F-017/60**

Fulltext Availability:
Claims

Claim
... scc@
0 Allows ordering a product in the store through the SCC before completing the **transaction online** , whereby the customer can talk with a service representative,
0 Allows the **customer** to hear **confidential information** privately, and
0 Allows the **customer** to use voice commands into an automatic voice recognition system.

6 Wireless network connection
Is...

10/3,K/25 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00790585 **Image available**
COMPUTER NETWORK PORTAL SYSTEM AND PAYMENT METHOD FOR ELECTRONIC COMMERCE OPPORTUNITIES
PORTIQUE DE RESEAU INFORMATIQUE ET PROCEDE DE PAIEMENT POUR OPERATIONS DE COMMERCE ELECTRONIQUE
Patent Applicant/Inventor:
JONES Michael Rawles, 233 Palmer Hill Road, Old Greenwich, CT 06870-1001, US, US (Residence), US (Nationality)
Legal Representative:
HAGAN Timothy W (et al) (agent), Killworth, Gottman, Hagan [entity:amp] Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200124081 A2 20010405 (WO 0124081)
Application: WO 2000US24521 20000907 (PCT/WO US0024521)
Priority Application: US 99405359 19990924; US 2000629551 20000731
Designated States: AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8930

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... which receives 10 a purchase order from a customer with customer data, replaces the customer **purchase order** with a **network purchase order** , and forwards the **network purchase order** to a relevant vendor through a computer **network** . The **network purchase order hides** the **customer data** , and replaces it with network data which is irrelevant to the customer data.

1 5...is irrelevant to the customer finance data included in the customer purchase order. Thus, the **customer** finance **data** is **hidden** from the 15 **network purchase order** . The identification of the customer is also not included in the **network purchase order** . Accordingly, the **customer data** is **not revealed** to the vendor. The network finance data may be provided by the portal service provider...

Claim
... order including item data specifying the item and customer identity data; 1 5 replacing the **customer** identity **data** with network **data** which **conceals** the
customer identity **data** ;
generating a **network** **purchase** **order** including the item data and the network
data; and
forwarding the **network** **purchase** **order** to the vendor through the computer
20 network.

47

10/3,K/26 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00789136 **Image available**
SYSTEMS AND METHODS FOR PROTECTING PRIVATE INFORMATION
SYSTEMES ET PROCEDES DE PROTECTION D'INFORMATIONS PRIVEES
Patent Applicant/Assignee:
AGB2 INC, 2975 Westchester Avenue, Suite 301, Purchase, NY 10577-2518, US , US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
AIETA Mario A, 100 Hudson Street, New York, NY 10013, US, US (Residence), US (Nationality), (Designated only for: US)
BELDOCK Donald T, 99 Biltmore Avenue, Rye, NY 10580, US, US (Residence), US (Nationality), (Designated only for: US)
BELDOCK James G, 99 Biltmore Avenue, Rye, NY 10580, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HARRITY Paul A (agent), Harrity & Snyder, L.L.P., 11240 Waples Mill Road, Suite 300, Fairfax, VA 22203, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200122687 A2-A3 20010329 (WO 0122687)
Application: WO 2000US25626 20000919 (PCT/WO US0025626)
Priority Application: US 99154945 19990921; US 99433013 19991103
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4949

International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... all electronically over the Internet.

In some conventional eCommerce systems, the server operator requests the **user** to provide **confidential** personal and/or corporate **information** , such as a name, address, telephone number, or account data, in **order** to proceed with the **on - line** **transaction** . The **user** transmits the **confidential** **information** to the server operator over the Internet. The server operator may then use the confidential information to complete the **transaction** .

In other conventional **eCommerce** systems, a growing number of transactions are performed across intranets and internets (including the Internet...

10/3,K/27 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00785109 **Image available**
SYSTEM AND METHOD FOR SERVICING ELECTRONIC TRANSACTIONS
SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS ELECTRONIQUES
Patent Applicant/Assignee:
C-SAM INC, 1480 Golden Bell Court, Downers Grove, IL 60515, US, US (Residence), US (Nationality)
Inventor(s):
SATYAN Pitroda G, 1480 Golden Bell Court, Downers Grove, IL 60515, US,
Legal Representative:
SHEKLETON Gerald T (et al) (agent), Welsh & Katz, Ltd., 22nd Floor, 120 South Riverside Plaza, Chicago, IL 60606, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200118629 A2-A3 20010315 (WO 0118629)
Application: WO 2000US21955 20000810 (PCT/WO US0021955)
Priority Application: US 99372365 19990811
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11624

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... would be able to provide accurate and detailed information that the vendors value, while maintaining **confidentiality** of additional **client information** .

A transaction service provider, especially, although not necessarily, in conjunction with an **electronic transaction** device, allows a client to interact with service institutions and vendors conveniently, securely, and, if...

Claim
... client information;
3)designate as non-confidential a predetermined second portion of the database of **client information** non- **confidential** ;
4) provide the **client** with access to the first and second portions of the database of client information via the **network** port.

2 The **transaction** service provider of claim 1,
2 wherein:
a) the storage medium is further configured to...

10/3,K/28 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00778773
COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR INDUCING TARGETED SELLER OFFERS TO ANONYMOUS BUYERS
RES CIBLEES DE VENDEURS A DES ACHETEURS ANONYMES
Patent Applicant/Assignee:
RESPOND COM, 3290 West Bayshore Road, Palo Alto, CA 94303-4043, US, US (Residence), US (Nationality)
Inventor(s):
CLEMENS William, 28030 Moody Road, Los Altos Hills, CA 94022, US,
RAMACHANDRAN Sriram, 1219 McIntosh Avenue, Sunnyvale, CA 94087, US,
KENT Linda, 7378 Village Square Drive, West Bloomfield, MI 48322, US,
Legal Representative:
GLENN Michael A (et al) (agent), Glenn Patent Group, Suite L, 3475 Edison Way, Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200111519 A2 20010215 (WO 0111519)
Application: WO 2000US21159 20000802 (PCT/WO US0021159)
Priority Application: US 99369769 19990806
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17049

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... the e-commerce systems in use today. Many consumers still do not trust that a **transaction** may be consummated **online** without disclosing the **consumer** 's **confidential** financial and credit **information** to other inappropriate **parties** .

Generally, e-commerce web sites tend to be modeled after predecessor non-electronic marketing and...

10/3,K/29 (Item 25 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00774520 **Image available**
ELECTRONIC PURCHASE OF GOODS OVER A COMMUNICATION NETWORK INCLUDING PHYSICAL DELIVERY WHILE SECURING PRIVATE AND PERSONAL INFORMATION
ACHAT ELECTRONIQUE DE BIENS SUR UN RESEAU DE COMMUNICATION COMPRENANT UNE LIVRAISON PHYSIQUE TOUT EN ASSURANT LA SECURITE DES INFORMATIONS PRIVEES ET A CARACTERE PERSONNEL
Patent Applicant/Assignee:
IPRIVACY LLC, 599 Lexington Avenue, New York, NY 10023, US, US (Residence), US (Nationality)
Inventor(s):
STOLFO Salvatore J, 80 Kenilworth Road, Ridgewood, NJ 07450, US,
YEMINI Yechiam, 450 Computer Sciences Building, Columbia University, New York, NY 10027, US,
SHAYKIN Leonard P, 1965 Broadway #12B, New York, NY 10023, US,
Legal Representative:
MORRIS Francis E (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200108066 A1 20010201 (WO 0108066)
  Application: WO 2000US19888 20000720 (PCT/WO US0019888)
  Priority Application: US 99360812 19990726
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 36118

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... the proxy, but not to the second party. If transmitted to the first party, the **electronic** address is a **transacting** address which does **not reveal** the private or personal **information** of the first **party** , as discussed above with respect to a transacting identity. Provision may be made, with or...

10/3,K/30 (Item 26 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00767966 **Image available**
APPARATUS AND METHOD FOR PERFORMING SECURE NETWORK TRANSACTIONS
APPAREIL ET PROCEDE PERMETTANT DE TRANSMETTRE DES TRANSACTIONS SURES PAR RESEAU
Patent Applicant/Assignee:
  STARPAY COM INC, 5600 N. May Avenue, Suite 320, Oklahoma City, OK 73122, US, US (Residence), US (Nationality)
Inventor(s):
  MESSNER Marc A, 111 S. Crosstimber Trail, Edmond, OK 73034, US,
Legal Representative:
  WHITE Edward L (agent), 50 Penna Place, 4th Floor, 1900 N.W. Expressway, Oklahoma City, OK 73118-1803, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200101622 A2-A3 20010104 (WO 0101622)
  Application: WO 2000US17180 20000622 (PCT/WO US0017180)
  Priority Application: US 99340603 19990628
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7296

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... to some extent. There are at least two types of theft which can occur with **Internet transactions** : First, communications containincy **confidential information** can be intercepted by **parties** other than

the intended recipient; Second, what appears to be a legitimate business, may actually...

10/3,K/31 (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00767686 **Image available**
MULTI-VENDOR INTERNET COMMERCE SYSTEM FOR E-COMMERCE APPLICATIONS AND METHODS THEREFOR
SYSTEME HETEROGENE DE COMMERCE SUR INTERNET DESTINE A DES APPLICATIONS DE COMMERCE ELECTRONIQUE ET PROCEDES ASSOCIES
Patent Applicant/Assignee:
CATALOG CITY INC, 510 Lighthouse Avenue, Pacific Grove, CA 93950, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LORENZEN Lee J, 619 Spazier Avenue, Pacific Grove, CA 93950, US, US (Residence), US (Nationality), (Designated only for: US)
ZIMMERMAN Jordan, 10 Victoria Vale, Monterey, CA 93940, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
WHEELER Jeffrey D (agent), Beyer Weaver & Thomas LLP, P.O. Box 130, Mountain View, CA 94042-0130, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200101313 A2 20010104 (WO 0101313)
Application: WO 2000US17860 20000628 (PCT/WO US0017860)
Priority Application: US 99141905 19990630; US 2000594213 20000614
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13772

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... website.

As can be appreciated by those skilled in the art, however, the fact that **confidential** personal, payment, and shipping **data** pertaining to the **consumers** are kept at the vendor poses a security risk. The security risk is increased if the consumer **purchases** from multiple **Internet** vendors and may have his or her confidential data kept at multiple websites throughout the...

10/3,K/32 (Item 28 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00761432
METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE
PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS
Patent Applicant/Assignee:
ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US (Residence), US (Nationality)
Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US
Legal Representative:
BRUESS Steven C, Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200073958 A2 20001207 (WO 0073958)
Application: WO 2000US14459 20000524 (PCT/WO US0014459)
Priority Application: US 99320818 19990527
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 151011

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... or weaknesses that can impact those risks, and recommending mechanisms to control the vulnerabilities.

Specific **confidentiality** , integrity and availability requirements for the new system and the I 0 development environment are...

10/3,K/33 (Item 29 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00761422
BUSINESS ALLIANCE IDENTIFICATION
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU
Patent Applicant/Assignee:
ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US (Residence), US (Nationality)
Inventor(s):
GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,
Legal Representative:
BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200073928 A2-A3 20001207 (WO 0073928)
Application: WO 2000US14375 20000524 (PCT/WO US0014375)
Priority Application: US 99320816 19990527
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 149371

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... or the like. This is accomplished by indicia coding the components of the system in **order** to convey the manner in which the components of the system are to be tested...

10/3,K/34 (Item 30 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00738062 **Image available**
SYSTEM AND METHOD FOR PERFORMING INTERNET BASED PURCHASE TRANSACTIONS
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER DES TRANSACTIONS D'ACHAT SUR INTERNET
Patent Applicant/Inventor:
BALMER David M, 7601 Albany Lane, Arlington, TX 76002, US, US (Residence), US (Nationality)
BALMER David M Jr, 10201 S. 44th Way, Phoenix, AZ 85044, US, US (Residence), US (Nationality)
Legal Representative:
HARRISON James A, P.O. Box 671043, Dallas, TX 75367, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200051049 A1 20000831 (WO 0051049)
Application: WO 2000US4450 20000222 (PCT/WO US0004450)
Priority Application: US 99121007 19990222
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13837

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... to each company from which it wishes to purchase a service or product. Thus, a **user** 's **confidential** credit card **information** is widely disseminated for those **users** that make many **electronic transactions** and **purchases** . Thus, there is a clear 1 0 need for the ability for a user to...

10/3,K/35 (Item 31 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00734793 **Image available**
PERSONALIZED ACCESS TO WEB SITES
ACCES PERSONNALISE A DES SITES WEB
Patent Applicant/Assignee:
EZLOGIN COM INC, Suite 110, 108 Wild Basin Road, Austin, TX 78746, US, US (Residence), US (Nationality)
Inventor(s):
LEBRUN Jean-Noel, Paris, FR,
KRUTA Francois, 8/10 Cite Popincourt, F-75011 Paris, FR,
Legal Representative:
SWERNOFSKY Steven A (agent), Swernofsky Law Group, P.O. Box 390013,

Mountain View, CA 94039-0013, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200048110 A2-A3 20000817 (WO 0048110)
Application: WO 2000US3790 20000211 (PCT/WO US0003790)
Priority Application: US 99249226 19990211; US 99273803 19990322; US 99361640 19990726; US 99466533 19991217
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 29658

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... personalization server. The meta-bookmark thus allows the personalization software to either (a) complete the **transaction** on that **server** , or (b) send back the appropriate information to the client so the transaction can be completed on the **client** while keeping most **confidential** and other **data** on the personalization server. The personalization software is thus able to perform a plurality of...

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Set     Items   Description
S1         22   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2      65523   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
             WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
             OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
             CE OR ECOMMERCE
S3       5500   S2(5N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
              OR BUYING OR SELLING)
S4      45400   INFORMATION OR DATA OR INFO
S5        230   S4(5N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
             HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S6      21047   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S7         66   S5(10N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR
             PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
             NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
             TAILER?)
S8          8   S3 AND S7
?show files
File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Oct
         (c)2002 Info.Sources Inc
?
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8/5/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01056944 DOCUMENT TYPE: Product

PRODUCT NAME: SecuIBAS (056944)

SecuGen Corp (707244)
348 Montague Expswy
Milpitas, CA 95035 United States
TELEPHONE: (408) 942-3400

RECORD TYPE: Directory

CONTACT: Sales Department

The SecuIBAS software solution from SecuGen is a fingerprint recognition system that helps secure **Internet** -based **transactions** . Using SecuIBAS, **users** can log into a Web-based network to access **confidential information** , and verify their identity for private transactions, without having to remember passwords. Users take advantage of any one of SecuGen's EyeD biometric ID peripherals. The SecuIBAS server then carries out the tasks necessary for fingerprint registration, matching, verification, and protection. The SecuIBAS package includes the SecuIBAS server software, Web server software, and client software for end-users. The system is easy to use and also easy to install. It is customizable and can be used in either business-to-business (B2B) or business-to-consumer environments. The scalable system can work with any size organization, and it can function with a wide variety of Web server platforms. Administrators retain control by setting SecuIBAS's policies, and assigning user groups.

DESCRIPTORS: Internet Security; Computer Security; Biometrics; Web Servers ; System Monitoring; Password Protection; Load Balancing; Webmasters

HARDWARE: IBM PC & Compatibles; Pentium; Sun
OPERATING SYSTEM: Windows NT/2000; AIX; Linux; Solaris; IIS; Apache; Netscape
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Cross Industry
PRICE: Available upon request

OTHER REQUIREMENTS: 128MB RAM; NT+; 550MHz+ CPU; 500MB disk space; SQL Server or Oracle 8i+
REVISION DATE: 000000

8/5/2
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00131796 DOCUMENT TYPE: Review

PRODUCT NAMES: NetAuthority (056324); Hypership (056318); SecretAgent 5.0 (306011)

TITLE: Going Postal in the Fight Against Government Paperwork
AUTHOR: Tebbutt, Dan
SOURCE: Network Magazine, v16 n7 p56(5) Jul 2001
ISSN: 1093-8001
HOMEPAGE: http://www.networkmagazine.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Aiming to enter the **online** government **transaction** market, the U.S.

Postal Service (USPS) has built NetPost.Certified (NPC), a reliable and secure public key infrastructure (PKI) platform. In building NPC, the USPS has tapped products and services from Cylink, ValiCert, WareOnEarth, Information Security Corporation, and CygnaCom Solutions. The agency has imposed protocol baselines, integrating technologies ranging from PKI software to secure- transport applications to smart cards. For example, Cylink's NetAuthority server software handles X.509 certificates. ValiCert handles status control tasks and provides record storage and archiving functions. CygnaCom Solutions, a subsidiary of Entrust Technologies, provides date- and time-stamping. For encrypted IP-to- IP transfers, WareOnEarth's Hypership is employed. Finally, **Information** Security's **Secret Agent** 5.0 provides additional encryption. NPC **client** software is Windows-based and, currently, targets Outlook Web sites. It also taps the peer-to-peer model, which means that the USPS does not handle transaction content. In developing NPC, the USPS used its branches to provide in-person validation of electronic credentials.

COMPANY NAME: Cylink Corp (601748); WareOnEarth Communications Inc (706493); Information Security Corp (349437)
SPECIAL FEATURE: Charts
DESCRIPTORS: Encryption; File Security; File Transfer; Government; OLTP; Smart Cards
REVISION DATE: 20010930

8/5/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00128819 DOCUMENT TYPE: Review

PRODUCT NAMES: PKI (838896); Health Care Management (830420)

TITLE: PKI--How and Why It Works
AUTHOR: Etheridge, Young
SOURCE: Health Management Technology, v22 n1 p20(2) Jan 2001
ISSN: 0745-1075
HOMEPAGE: http://www.healthmgttech.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Health care organizations will soon be required to implement strong data security measures in order to comply with the Health Insurance Portability and Accountability Act (HIPAA). Biometrics is one alternative for user authentication, but it is insufficient for attaching nonrefutable signatures to **electronic transaction** and sensitive e-mails. PKI (Public Key Infrastructure) is a system that validates a person's online identity with a digital certificate. In the health care field, these certificate can be issued to health care professional through a certificate authority (CA), which establishes who should have a certificate, how long the certificate will remain active, and the access privileges that the holder is authorized to have. PKI can secure patient information that is stored on Web servers or Internet-connected databases because it lets organization control access, maintain **data** integrity and **confidentiality** , authenticate **users** , and ensure nonrepudiaton.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Biometrics; Computer Security; Digital Certificates; Encryption; Government Regulations; Health Care Facilities; Health Care Management; Internet Security; Privacy
REVISION DATE: 20011130

8/5/4
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00123802 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows NT 4.0 (347973); Microsoft Internet Information Server (591645); Microsoft FrontPage (580457); Microsoft SQL Server 7.0 (259748); ObjectStore 6.0 (269956)

TITLE: Auto Dealers Come To Terms With The Web
AUTHOR: Waltner, Charles
SOURCE: Information Week, v783 p104(5) Apr 24, 2000
ISSN: 8750-6874
HOMEPAGE: http://www.informationweek.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

eXcelon's ObjectStore 6.0 and Microsoft Windows NT 4.0, Internet Information Server (IIS), FrontPage, and SQL Server 7.0 are highlighted in a discussion of the ways in which e-commerce benefits car dealers, many of whom now use the Internet to increase business. According to one research firm, 7,000 of the current 22,600 franchised auto dealers in the U.S. will go out of business in the next 20 years. Among Web site operators are JM Lexus, which provides a particularized online catalog of inventory and other features. The company also advertises extensively on local, regional, and national Web sites, and has links to nine or more auto portal sites, including AutoTrader.com, CarsDirect.com, and CarOrder.com. JM Lexus, which hosts its own site, uses Compaq servers, FrontPage, and IIS and has three IS support staff. The Web site has generated about 15 percent of monthly sales, and sales by customers who live outside JM's geographical marketing area have increased between 10 and 20 percent. Over two million new car buyers used the Internet for some car shopping activity in 1998. That number should reach eight million by 2003, but only 500,000 of those **purchases** are handled totally **online** . Some dealers allow buyers to complete part of the sale online, but most online shopping for cars is completed at a local dealership. The National Automobile Dealers Association has also decided to set up its own portal and will reveal invoice pricing on cars listed at its site. NADA previously kept that **information** had been kept **confidential** from **customers** , but the **information** is already available on auto-centered Internet portals.

COMPANY NAME: Microsoft Corp (112127); eXcelon Corp (482633)
SPECIAL FEATURE: Graphs
DESCRIPTORS: Auto Dealers; E-Commerce; IBM PC & Compatibles; IIS; Internet Marketing; Portals; SQL Server; Windows NT/2000
REVISION DATE: 20011030

8/5/5
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00122592 DOCUMENT TYPE: Review

PRODUCT NAMES: eMarketer (794961); mySimon (755141)

TITLE: Gift Shopping: Half Pain, Half Delight
AUTHOR: Bort, Julie
SOURCE: MicroTimes, v203 p54(2) Feb 1, 2000
HOMEPAGE: http://www.microtimes.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

E-shoppers can realize significant savings on gift **purchases** made **online** by utilizing free gift certificates, shipping deals, and wrapping services offered by e-tailers. According to eMarketer, in 1999 one in three online

buyers was a first-time e-commerce user, spending an average of $219 online. Shippers such as FedEx, UPS, and the U.S. Postal Service profit most from increased e-commerce, almost doubling the per-gift cost. Free gift certificates reduce overall costs. In December 1999, eToys.com offered purchasers of more than $75 a $10 certificate from baby-Gap.com. Many retailers require sizable purchases to qualify for these offers so shopping bots, or shopping- specific search engines, serve as an excellent source. Online shoppers need to beware of the double-shipping whammy over wrapping, in which they pay shipping charges to themselves in order to wrap the gift and then pay more in shipping the gift to the recipient. But wrapping is a moneymaker for online **merchants** and all too often, sites **hide information** about gift wrap until the last screen. Cooking.com offered not only a gift certificate for free shipping with orders over $35, it offered a discount on wrapping, with each package after the first costing only $1 each. Yet this site was the source of the most annoying experience, representing the downside of online shopping. Site bugginess, in addition to high prices for shipping and wrapping services, shipping damages, and mishandled **orders** , remain issues facing **online** shoppers.

COMPANY NAME: eMarketer (677078); mySimon Inc (663719)
DESCRIPTORS: Internet Shopping; Retailers
REVISION DATE: 20000530

8/5/6
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00122162 DOCUMENT TYPE: Review

PRODUCT NAMES: Extranets (837385); Digital Certificates (840271)

TITLE: The Security Behind Secure Extranets
AUTHOR: Paget, Paul
SOURCE: Enterprise Systems Journal, v14 n12 p74(4) Dec 1999
ISSN: 1053-6566
HOMEPAGE: http://www.esj.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Highly secure extranets employ technologies and strategic processes that fill in the gaps in the extranet configuration itself. For instance, a digital certificate, which can be called a 'passport to the extranet,' is installed in the browser or on a smart card, where it authenticates the certificate holder. The digital certificate extends extranet access and authority to users based on their positions and their need to know; the certificate also maintains and ensures **confidentiality** and integrity of the **data** that is sent, received, and retrieved by **users** . Such secure systems are also more easily and effectively managed than those that simply use personal information numbers (PINs) and passwords. Secure extranets allow users to log on once to access authorized information, since the certificate and its foundational policies determine who logs on to what. The configuration can be changed by managers. Network managers always know who is conducting business and what they are doing because digital certificates track users' activity through a digital audit trail. Public key infrastructure (PKI), which is based on public key cryptography, also secures **transactions** over the **Internet** by using public and private components. Messages transported are encrypted with a public key and are then read by the receiver with a private key. Other superior security methods for extranets described are trusted parties (certification authorities) and registration authorities.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Digital Certificates; Encryption; Extranets; Internet Security; System Monitoring
REVISION DATE: 20000430

8/5/7
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00119949 DOCUMENT TYPE: Review

PRODUCT NAMES: E-Commerce (836109)

TITLE: A matter of trust
AUTHOR: Hicks, Matt
SOURCE: PC Week, v16 n43 p67(4) Oct 25, 1999
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A discussion of business-to-business (B2B) e-commerce sites concludes that sites have to build trust among users if they are to succeed in the long run. For instance, BMG Entertainment, a global music and entertainment division of Bertelsmann AG, found that implementation of a Web site was stymied when labels and distribution **partners** expressed concerns about **confidentiality** and use of **information** from the site. BMG smoothed the waters by asking a cross section of site users what the company could do to enhance trust among possible e-partners. They answered that users should have to sign legally binding agreements that prevent them from using information from the portal illegally. Possible participants in vertical industry Internet marketplaces and extranet are doing likewise or are starting to require guarantees that information will not be misused either deliberately or inadvertently. B2B site developers are therefore delivering features that require users to sign legal agreements and are giving sellers more control over who they **trade** with. They are also authenticating **online** buyers and conducting audits to show neutrality in dealings with multiple partners. According to a director of the media practice at e-business integrator Context Integration, 'A portal is only as good as the people who use it, and everybody has to be extremely comfortable that they retain their privacy.'

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts Graphs
DESCRIPTORS: E-Commerce; Extranets; Portals; Privacy
REVISION DATE: 20010430

8/5/8
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00096784 DOCUMENT TYPE: Review

PRODUCT NAMES: Escrow Encryption Standard (837326); SecureHash Standard (837318); Digital Signature Standard (833975); Kerberos (413992); RSAREF (523909)

TITLE: Protecting Your Data With Cryptography
AUTHOR: Foroozesh, Mehrdad
SOURCE: UNIX Review, v14 n12 p55(6) Nov 1996
ISSN: 0742-3136
HOMEPAGE: http://www.mfi.com/unixrev/

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Escrow Encryption Standard, RSA Data Security's RSAREF, the SecureHash Standard and Digital Signature Standard, and MIT's Kerberos are highlighted

in a discussion of tools that protect data traveling over networks by using cryptography. Cryptography can be used in many business operations throughout the enterprise, including secure data storage, **user** authentication, electronic signatures, and secure **data** communication. Cryptosystems are either **secret** -key or public-key systems. The former uses one key to encrypt/decrypt plain text to/from the cyphertext in that **order** ; in **electronic** systems, protocols perform these tasks. Escrow Encryption Standard is an example of a secret-key system. Public key systems, including RSAREF, are asymmetric systems that use two keys, a public and a private one. Public-key-encrypted plain text can only be decrypted using the private key from the same pair. RSAREF's application programming interfaces (APIs) are freely available for noncommercial use and are also used in a few commercial products. The Public Key Partners consortium holds the patents and exclusive licensing rights to all public-key cryptosystems, acting on behalf of MIT, Stanford University, RSA Data Security, and others. Advantages of Public key cryptosystems include workability with less complex protocols and support for electronic signatures and data integrity checks.

COMPANY NAME: Vendor Independent (999999); MIT Software Distribution (546186); RSA Security Inc (398047)
DESCRIPTORS: Communications Standards; Computer Security; Data Communications; Encryption; File Security; Network Administration; Network Software; Standards; UNIX
REVISION DATE: 20020630

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Set      Items   Description
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S2     1952887   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
             WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
             OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
             CE OR ECOMMERCE
S3       45201   S2(3N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
              OR BUYING OR SELLING)
S4     3100780   INFORMATION OR DATA OR INFO
S5        8301   S4(5N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
             HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S6     2146215   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S7         882   S5(10N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR
             PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
             NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
             TAILER?)
S8          33   S3 AND S7
S9          23   S8 NOT PY>2000
S10         20   S9 NOT PD=20000327:20021102
S11         19   RD (unique items)
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         (c) 2002 The New York Times
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         (c) 2002 The Gale Group
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11/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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6362265
Title: Is your Web site a hacker's delight?
Author(s): Gips, M.A.
Journal: Security Management vol.43, no.8 p.64-9
Publisher: ASIS,
Publication Date: Aug. 1999 Country of Publication: USA
CODEN: SECME6 ISSN: 0145-9406
SICI: 0145-9406(199908)43:8L.64:YSHD;1-4
Material Identity Number: K675-1999-008
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: Whether the company hosts it own Web site or has it handled by a service provider, in-house personnel should make sure that security is part of the page. A company's Web defenses should be structured with several concerns in mind. One main concern is preventing postings that might cause embarrassment, or that might alter information on which the public relies, such as prices. Another concern is the ability to protect **confidential information - e - commerce transactions , customer data** , and company **secrets** -that are in transit, stored on the Web server, or on a database that might be connected to the Web server. A third concern is to keep the site up and running by preventing the server from being overloaded or otherwise shut off from users. To address the potential risks inherent in most Web sites, the following components are important: forensic devices, firewalls, intrusion detection systems, system vulnerability scanners, and Internet scanners, all of which are discussed by the author. In addition to protecting the site as a whole from hacker attacks, site administrators must keep authorized surfers out of restricted areas. Administrators may also need to address concerns related to e-commerce, such as verifying the user's identity and securing data in transit, for which several tools are available such as address verification, encryption and authentication. (0 Refs)
Subfile: D
Descriptors: information resources; security of data
Identifiers: Web site; Web defenses; confidential information protection; **e - commerce transactions** ; customer data; company secrets; forensic devices; firewalls; intrusion detection systems; system vulnerability scanners; Internet scanners; user identity verification; address verification; encryption; authentication
Class Codes: D1060 (Security); D2080 (Information services and database systems)
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11/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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6183096 INSPEC Abstract Number: C1999-04-7210N-062
Title: Anonymous Web transactions **with Crowds**
Author(s): Reiter, M.K.; Rubin, A.D.
Author Affiliation: AT&T Bell Labs., Murray Hill, NJ, USA
Journal: Communications of the ACM vol.42, no.2 p.32-8
Publisher: ACM,
Publication Date: Feb. 1999 Country of Publication: USA
CODEN: CACMA2 ISSN: 0001-0782
SICI: 0001-0782(199902)42:2L.32:ATWC;1-E
Material Identity Number: C056-1999-003
U.S. Copyright Clearance Center Code: 0001-0782/99/0200$5.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Web server log files are riddled with information about the users who visit them. Obviously, a server can record the content each visitor accesses. In addition, however, the server can record the user's IP address and thus often the user's Internet domain name, workplace, and/or

approximate location, the type of computing platform she is using, the Web page that referred her to this site and, with some effort, the server that she visits next. The user profiling made possible by monitoring capabilities is viewed as a useful tool by many businesses and consumers; it makes it possible for a Web server to personalize its content for its users, and for businesses to monitor employee activities. However, the negative ramifications for user privacy are considerable. While a lack of privacy has, in principle, always characterized Internet communication, never before has a type of Internet communication been logged so universally and revealed so much about the personal tastes of its users. This article presents a system called Crowds that enables the retrieval of information over the Web without revealing so much potentially private information to several parties. The goal of Crowds is to make browsing anonymous, so that information about either the **user** or what **information** he or she retrieves is **hidden** from Web servers and other **parties** . (9 Refs)

Subfile: C

Descriptors: data privacy; information resources; information retrieval; Internet; search engines

Identifiers: anonymous **Web transactions** ; Crowds; Web server log files ; IP address; Internet domain name; Web page; user profiling; business; user privacy; information retrieval; private information; browsing

Class Codes: C7210N (Information networks); C0230 (Economic, social and political aspects of computing); C6130S (Data security); C7250 (Information storage and retrieval)

Copyright 1999, IEE

11/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6094840

Title: Spies, lies and the Internet

Author(s): Leyden, J.

Journal: Personal Computer World vol.21, no.11 p.142-4, 146

Publisher: VNU Business Publications,

Publication Date: Nov. 1998 Country of Publication: UK

CODEN: PCWODU ISSN: 0142-0232

SICI: 0142-0232(199811)21:11L.142:SLI;1-V

Material Identity Number: P270-98009

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Encryption is hitting the mainstream as government legislation, expected next year, sets up a next-generation model for e-commerce. As the Government sets a framework for **online trade** , small business users might at first well wonder why the software of espionage thrillers is dropping onto their desktop. The answer is a simple one: trust. Potentially, fraud is easier across the Internet because it might be achieved without leaving any trace-and certainly no eyewitness. Without an environment of trust and privacy, **customers** are highly unlikely to provide **confidential information** . To establish more complex contracts online (for instance setting up a small business or buying a house) requires legal recognition and a framework to build a public key infrastructure (PKI). For the user, a PKI means complex **online transactions** can be performed seamlessly, which isn't really possible today. (0 Refs)

Subfile: D

Descriptors: computer crime; contracts; data privacy; electronic commerce ; fraud; government policies; Internet; legislation; public key cryptography

Identifiers: encryption; government legislation; e-commerce; **online trade** ; small business users; fraud; trust; privacy; confidential information; online contracts; public key infrastructure; **online transactions**

Class Codes: D1060 (Security); D2140 (Marketing, retailing and distribution); D2050E (Banking); D1050 (Legal requirements); D5020 (Computer networks and intercomputer communications)

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11/5/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
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5958493 INSPEC Abstract Number: B9808-6120B-034, C9808-6130S-031
Title: Generalized Beimel-Chor schemes for broadcast encryption and interactive key distribution
Author(s): Blundo, C.; Frota Mattos, L.A.; Stinson, D.R.
Author Affiliation: Dipartimento di Inf. ed Applicazioni, Salerno Univ., Italy
Journal: Theoretical Computer Science vol.200, no.1-2 p.313-34
Publisher: Elsevier,
Publication Date: 28 June 1998 Country of Publication: Netherlands
CODEN: TCSCDI ISSN: 0304-3975
SICI: 0304-3975(19980628)200:1/2L.313:GBCS;1-H
Material Identity Number: T168-98014
U.S. Copyright Clearance Center Code: 0304-3975/98/$19.00
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: In 1993, Beimel and Chor presented an unconditionally secure interactive protocol which allows a subset of users in a network to establish a common key. This scheme made use of a key predistribution scheme due to Blom. In this paper, we describe some variations and generalizations of the Beimel-Chor scheme, including broadcast encryption schemes as well as interactive key distribution schemes. Our constructions use the key predistribution scheme of Blundo et al., which is a generalization of the Blom scheme. We obtain families of schemes in which the amount of **secret** information held by the **network users** can be **traded** off against the amount of information that needs to be broadcast. We also consider lower bounds for protocols of these types, using the concept of entropy as our main tool. Some of. Our schemes are optimal (or close to optimal) with respect to the bounds we prove. (10 Refs)
Subfile: B C
Descriptors: cryptography; protocols
Identifiers: secure interactive protocol; broadcast encryption; key distribution; Blom scheme; interactive key distribution
Class Codes: B6120B (Codes); B6150M (Protocols); B6210L (Computer communications); C6130S (Data security); C5640 (Protocols)
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11/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
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5755731 INSPEC Abstract Number: C9801-7120-002
Title: Internet-commerce security
Author(s): Carroll, M.
Journal: BYTE (International Edition) vol.22, no.5 p.IS40/25-8
Publisher: McGraw-Hill,
Publication Date: May 1997 Country of Publication: USA
CODEN: BYTEDJ ISSN: 0360-5280
SICI: 0360-5280(199705)22:5L.25:ICS;1-F
Material Identity Number: G109-97011
U.S. Copyright Clearance Center Code: 0360-5280/97/$1.50
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Keeping an eye toward the potential revenue of Internet commerce while acknowledging the need for fiscal security, MasterCard and Visa are spearheading the adoption of the Secure **Electronic Transaction** (SET) standard. Used in conjunction with smartcards, SET is designed to provide (via encryption) **confidentiality** of **information** , ensure payment integrity, and authenticate **merchants** and **buyers** alike. The author discusses the use of public key cryptography in SET. (0 Refs)
Subfile: C

Descriptors: business communication; data privacy; EFTS; Internet; MasterCard; message authentication; public key cryptography; smart cards; software standards; Visa
Identifiers: Internet commerce security; fiscal security; MasterCard; Visa; Secure **Electronic Transaction** standard; SET standard; smartcards; confidentiality; payment integrity; authentication; public key cryptography
Class Codes: C7120 (Financial computing); C7210 (Information services and centres); C6130S (Data security); C0230 (Economic, social and political aspects of computing)
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11/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
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5398211 INSPEC Abstract Number: C9611-5620L-053
Title: Providing confidentiality services for a LAN interconnected service
Author(s): Lu, W.-P.
Author Affiliation: Bell South Telecommun., Atlanta, GA, USA
Conference Title: Wireless Computer Communication. Emerging Business Opportunities. Papers Presented at the International Conference on Wireless Computer Communication: Emerging Business Opportunities (Infocom'94) p. 18-30
Editor(s): Seshagiri, N.; Akopov, A.
Publisher: Tata McGraw-Hill, New Delhi, India
Publication Date: 1995 Country of Publication: India ix+462 pp.
ISBN: 0 07 462419 9 Material Identity Number: XX96-00298
Conference Title: Proceedings of International Conference on Wireless Computer Communication: Emerging Business Opportunities
Conference Sponsor: United Nations Dev. Programme; UNESCO; et al
Conference Date: 15-17 Dec. 1994 Conference Location: Bombay, India
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The increasing use of LANs for computer communication has spurred the need for a high speed, switched metropolitan area data network to replace the traditional dedicated links. BellSouth has introduced a **LAN** interconnection service in **order** to respond to **customers** needs. However, **customers** demand the same type of **data confidentiality** they have enjoyed in their dedicated links on the public network. In this paper, an innovative way for providing confidentiality service for a public LAN interconnection service network will be presented. The mechanism is based on the current completed LAN security standard, the IEEE 802.10. The confidentiality service offered will be applied to a particular virtual private LAN. In this section, the details of the implementation, including the architecture, the PDU format and the protocol will be described. (12 Refs)
Subfile: C
Descriptors: LAN interconnection; security of data
Identifiers: confidentiality services; LAN interconnected service; metropolitan area data network; LAN interconnection; LAN security standard; IEEE 802.10
Class Codes: C5620L (Local area networks); C6130S (Data security)
Copyright 1996, IEE

11/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
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5363352 INSPEC Abstract Number: B9610-6120B-082, C9610-6130S-049
Title: Trade-offs between communication and storage in unconditionally secure schemes for broadcast encryption and interactive key distribution
Author(s): Blundo, C.; Frota Mattos, L.A.; Stinson, D.R.
Author Affiliation: Dipartimento di Inf. ed Applicazioni, Salerno Univ., Italy
Conference Title: Advances in Cryptology - CRYPTO'96. 16th Annual International Cryptology Conference. Proceedings p.387-400

Editor(s): Koblitz, N.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1996 Country of Publication: West Germany xii+415 pp.
ISBN: 3 540 61512 1 Material Identity Number: XX96-02286
Conference Title: Advances in Cryptology - CRYPTO '96
Conference Sponsor: Int. Assoc. Cryptologic Res.; IEEE; Univ. California
Conference Date: 18-22 Aug. 1996 Conference Location: Santa Barbara, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: In 1993, Beimel and Chor presented an unconditionally secure interactive protocol which allows a subset of users in a network to establish a common key. This scheme made use of a key predistribution scheme due to Blom. In this paper, we describe some variations and generalizations of the Beimel-Chor scheme, including broadcast encryption schemes as well as interactive key distribution schemes. Our constructions use the key predistribution scheme of Blundo et al, which is a generalization of the Blom scheme. We obtain families of schemes in which the amount of **secret** information held by the **network users** can be **traded** off against the amount of information that needs to be broadcast. We also discuss lower bounds on the storage and communication requirements of protocols of these types. Some of our schemes are optimal (or close to optimal) with respect to these bounds. (11 Refs)
Subfile: B C
Descriptors: broadcasting; cryptography; data privacy; interactive systems; protocols
Identifiers: unconditionally secure schemes; broadcast encryption; interactive key distribution; key predistribution scheme; unconditionally secure interactive protocol; Beimel-Chor scheme; broadcast encryption schemes; interactive key distribution schemes; secret information; lower bounds; communication requirements; storage requirements
Class Codes: B6120B (Codes); B6150M (Protocols); C6130S (Data security); C5640 (Protocols)
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11/5/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC
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5341139 INSPEC Abstract Number: B9609-6210L-118, C9609-5620W-041
Title: Electronic commerce: technology overrules law; The $50 billion pie
Author(s): Darby, G.E.
Conference Title: 18th Annual Pacific Telecommunications Conference. Proceedings Part vol.1 p.431-4 vol.1
Editor(s): Wedemeyer, D.J.; Nickelson, R.
Publisher: Pacific Telecommun. Council, Honolulu, HI, USA
Publication Date: 1996 Country of Publication: USA 2 vol. xxvii+1012 pp.
Material Identity Number: XX95-03171
Conference Title: Proceedings of Annual Pacific Telecommunications Conference
Conference Date: 14-18 Jan. 1996 Conference Location: Honolulu, HI, USA
Language: English Document Type: Conference Paper (PA)
Treatment: General, Review (G)
Abstract: Electronic commerce on the Internet is projected to reach $50 billion (US$ 50,000,000,000.00) by the year 2000 in one optimistic forecast, and only $5.8 million by the year 2000 in a different forecast. The range of forecasts reflects many factors, but the paramount determinants are probably the actual, and perceived, safety of financial **transactions** on the **Internet** . Sniffing, spoofing, and cracking, the terrors of the Internet, have stalled the growth of electronic commerce on the Internet and on other value added networks. The relative ease of sniffing (reading other people's electronic messages), spoofing (assuming a false identity and making fraudulent transactions), and cracking (stealing another **party** 's **confidential information** stored on host computers),

and the thefts that such techniques enable, have seriously impaired the growth of Internet-based commerce. The near term solution that will enable the growth of electronic commerce on the Internet is technological, and not legal, in nature. (0 Refs)
Subfile: B C
Descriptors: commerce; data privacy; financial data processing; fraud; Internet; security of data
Identifiers: electronic commerce; Internet; financial transactions; sniffing; electronic messages; fraudulent transactions; spoofing; Internet-based commerce
Class Codes: B6210L (Computer communications); C5620W (Other computer networks); C6130S (Data security); C7120 (Financial computing)
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11/5/9 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01718006 ORDER NO: AADAA-IMQ43349
The effect of product price and product category on online payment methods and on the decision to own the secure server
Author: Usman, Arshad
Degree: M.Eng.
Year: 1999
Corporate Source/Institution: Carleton University (Canada) (0040)
Adviser: A. J. Bailetti
Source: VOLUME 38/03 of MASTERS ABSTRACTS.
PAGE 772. 89 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; BUSINESS ADMINISTRATION, MANAGEMENT ; ECONOMICS, COMMERCE-BUSINESS
Descriptor Codes: 0544; 0454; 0505
ISBN: 0-612-43349-8

Online stores support three credit card payment methods: secured, unsecured, and mail and telephone order (MOTO). The first objective of this research is to examine the relationship between the payment methods supported by online stores and product price, product category and site longevity.

The second objective of this research is to examine the effect of product price and product category on merchants' decisions on whether or not to own the secured server that supports **online** credit card **transactions** .

Price data on 9631 products in 10 categories were collected from 127 online stores using a shopping agent. Data on secure server ownership was collected from a database maintained by an organization that provides domain-registering services. Univariate Analysis of Variance and the Logit Model of Log Linear Analysis were used to examine the data.

Results from the research show that online stores' payment methods are related to product price and product category, but not to site longevity. **Online** stores **selling** high-priced, technology-based products are more likely to own secure **servers** than **online** stores **selling** low-priced products such as flowers, gifts and groceries.

The results suggest that important differences exist between retail methods in the electronic world and the physical one. In the electronic world, product price and product category affect payment methods and ownership of the infrastructure required to support payment transactions. The provision of secured payment methods may have less to do with the desire to protect **consumers ' confidential information** travelling over the Internet, and more to do with product prices and categories.

The finding that site longevity is not related to payment methods suggest that the barriers to offering secure payment transactions are low.

Finally, the use of a shopping agent was found to be an effective way to collect data for research purposes.

11/5/10 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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2169931 H.W. WILSON RECORD NUMBER: BAST00011544
S/390 Parallel Enterprise Server CMOS cryptographic coprocessor
Easter, R. J; Chencinski, E. W; D'Avigon, E. J
IBM Journal of Research and Development v. 43 no5/6 (Sept./Nov. 1999) p. 761-76
DOCUMENT TYPE: Feature Article ISSN: 0018-8646 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: As the Internet becomes the basis for electronic commerce, and as more businesses automate their data processing operations, the potential for unauthorized disclosure of sensitive data increases. On-line databases are becoming increasingly large and complex. Sensitive data is transmitted on communication lines and often stored off-line. As a result, the efficient, economical protection of enterprise-critical information is becoming increasingly important in many diverse application environments. The protection required to conduct commerce on the Internet, provide **data confidentiality** , and provide **user** authentication can be achieved only by cryptographic services and techniques. The high-speed, physically secure IBM S/390.reg. CMOS Cryptographic Coprocessor for S/390 Parallel Enterprise **Servers** [**trademark**], together with the IBM Integrated Cryptographic Service Facility (ICSF), an IBM licensed program for the OS/390.reg. operating system, provides the ability to encrypt and decrypt data, generate and manage cryptographic keys, perform PIN operations, and perform other cryptographic functions dealing with data integrity, digital signatures, and key exchange. Reprinted by permission of the publisher.

DESCRIPTORS: Cryptographic keys; Microprocessor architecture; IBM System/390 computers;

11/5/11 (Item 2 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2002 The HW Wilson Co. All rts. reserv.

1427445 H.W. WILSON RECORD NUMBER: BAST96014698
Proof of purchase **on the** Internet
Stewart, Ian;
Scientific American v. 274 (Feb. '96) p. 124-5
DOCUMENT TYPE: Feature Article ISSN: 0036-8733 LANGUAGE: English
RECORD STATUS: Corrected or revised record

ABSTRACT: Most network systems use encryption methods to encode, or scramble, private messages, but it has become increasingly clear that this system is inadequate for the Internet. Although there are many secure encryption codes, **users** want proof that no one can access **confidential information** . The writer discusses so-called zero-knowledge protocols, which allow the user to convince someone that the user possesses some key item of information without actually revealing the information itself.

DESCRIPTORS: Computer user identification; Number theory; Four-color problem;

11/5/12 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2002 Info. Today Inc. All rts. reserv.

00549918 99PK10-318
A matter of trust -- B2B e-commerce is booming, but sites need to build trust by setting ground rules
Hicks, Matt; Neil, Stephanie
PC Week , October 25, 1999 , v16 n43 p67-73, 4 Page(s)
ISSN: 0740-1604
Languages: English
Document Type: Articles, News & Columns
Geographic Location: United States

Reports that business-to-business (B2B) electronic commerce sites face the challenge of obtaining the trust of both sellers and buyers. Explains that distributors, retailers, and recording labels have requested music distributor, BMG Distribution to require site users to sign legally binding agreements not to misuse information from the BMG Central site. Mentions that potential B2B **participants** want assurances that the **confidential information** they post will not be intentionally or mistakenly misused and that the transactions are fair and compliant with existing laws. Explains that other measures to build trust include giving sellers more control over whom they **trade** with **online** , authentication of buyers, and undertaking audits to demonstrate impartiality. Includes one photo, one sidebar, six graphs, and one table. (MEM)

Descriptors: Electronic Commerce; Web Sites; Ethics; Contract; Online Information; Trends

11/5/13 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2002 Info. Today Inc. All rts. reserv.

00432047 96IE08-005

The stage is SET -- The SET agreement between MasterCard and Visa could pave the way for widespread e-commerce

Loeb, Larry

Internet World , August 1, 1996 , v7 n8 p54-59, 6 Page(s)

ISSN: 1064-3923

Company Name: MasterCard; Visa

Product Name: Secure **Electronic Transactions**

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Focuses on the Secure **Electronic Transactions** (SET) agreement between MasterCard and Visa for establishing a standard for **Internet** credit card **transactions** . Explains that SET addresses the major business requirements of providing **confidentiality** of payment and ordering **information** and providing authentication that a cardholder is a legitimate **user** of an account and that a merchant can accept bankcard payments through its acquirer. Also notes that SET is designed to ensure integrity for all transmitted data and to facilitate and encourage interoperability across software and network providers. Discusses the details of SET transactions, including the customer opening an account, merchant receiving information, and payment being passed along. Indicates that SET uses both standard methods of encryption: secret-key cryptography a public-key cryptography. (jo)

Descriptors: **Online Transaction** Processing; **Electronic** Shopping; **Purchasing** ; Cryptology; Security; **Internet** ; **Electronic Banking**

Identifiers: Secure **Electronic Transactions** ; MasterCard; Visa

11/5/14 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00260148 90DS05-006

Data-Star adds Japanese technical source ... UK company data Databases

Database Searcher , May 1, 1990 , v6 n4 p12, 1 Pages

ISSN: 0891-6713

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Reports that Europe's leading online service, Switzerland's Data-Star, has agreed with Eurobrokers S. A. R. L. to carry its Japinfo database which features translated and abstracted Japanese documents covering different scientific and technical fields. Data-Star also recently ran a German-language service from Deutscher Sparkassenverlag which helps European companies look for new trade opportunities and expanded its UK company information coverage from ICC Online Ltd. which now includes document history as well as a detailed list of limited liability companies.

(PAM)
Descriptors: **Online Information** ; **Trade Secrets** ; Foreign Trade; Database; **Consumer Information** ; Japan; Online Systems
Identifiers: Japinfo; Data-Star; Eurobrokers S. A. R. L.; Deutscher Sparkassenverlag; ICC Online

11/5/15 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09161505
Intel goes big on e-commerce in the Asia-Pacific
ASIA-PACIFIC: INTEL TO **TRANSACT** VIA **E - COMMERCE**
Business Times (XBA) 20 Sep 1999 p.19
Language: ENGLISH

American Intel, a chip giant, is doing billions of dollars of e-commerce in Asia-Pacific, with its e-commerce team based in Singapore, according to its Singapore manager Ian Drew. The group hopes to have 100% of its business **transactions** to be **Web** -based within three years. Two initiatives - **Web Order** Management and Intel Business Link - will be rolled out throughout the region. **Web Order** Management allows Intel's partners and customers to access over the Web real time information on prices and stocks of Intel's chips and other products. Intel Business Link is Intel's service whereby it exchanges **confidential information** with a **partner** or **customer** .

COMPANY: INTEL

PRODUCT: Semiconductor Devices (3674);
EVENT: General Management Services (26); Plant/Facilities/Equipment (44);
COUNTRY: Southeast Asia (92T); Eastern Asia (92E); Australia & New Zealand (9AUN); United States (1USA);

11/5/16 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09118456
Pacific Internet promises users online privacy
SINGAPORE: PACNET PROMISES ONLINE PRIVACY
The Straits Times (XBB) 11 Jun 1999 p.44
Language: ENGLISH

Pacific Internet (Pacnet), one of Singapore's three Internet service providers, has promised its subscribers that it will not intentionally examine or tamper with their private **Internet** communications and **transactions** or disclose **confidential customer information** unless it has the approval of the subscriber or if it is required by law. To help its subscribers check whether they have been infected with Back Orifice, Pacnet will offer free software to its subscribers. The moves come amid growing queries about online security and privacy.

COMPANY: INTERNET; PACNET; PACIFIC INTERNET

EVENT: Financial Management (25);
COUNTRY: Singapore (9SIN);

11/5/17 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09079561
E-commerce mart expected to top US$ 1 bn by 2003

MALAYSIA: SET LAUNCHED BY MEPS
Business Times Malaysia (XAR) 23 Mar 1999 p.18
Language: ENGLISH

The Secure **Electronic Transaction** (SET) Payment Gateway by Malaysian Electronic Payment System Sdn Bhd (MEPS) was launched on 22 March 1999 by Datuk Leo Moggie, Energy, Communications and Multimedia Minister of Malaysia. MEPS is responsible for implementing the SET payment gateway. The launch of the SET payment gateway is the result of the successful four-month pilot test on the SET payment gateway by two banks, RHB Bank and Maybank. Bank Negara <Central Bank> has collaborated with local banks for SET payment gateway which would look into the authentication and privacy when conducting e-commerce. The main aim of the SET is to ensure that electronic commerce (e-commerce) via the Internet is secure and safe. The credit card holders wishing to conduct e-commerce would have to apply for an electronic wallet (e-wallet) from any one of the participating banks. The participating banks include, RHB Bank, Public Bank, Maybank and Hong Leong Bank. A **user** would be issued with a digital certificate as well as **data** encryption for **confidentiality** and the digital certificate would work just like a fingerprint. When a purchase is made, the bank would be able to access the number of the cardholder to approve the purchase or decline it based on the status of the users account and the credit limit allowed. Currently there are only four local banks that are offering access to SET to its credit card holders. The cost of linking up with SET is set at RM 25,000.

COMPANY: INTERNET; MALAYSIAN ELECTRONIC PAYMENT SYSTEM; SET; SECURE **ELECTRONIC TRANSACTION** ; RHB BANK; HONG LEONG BANK; MAYBANK; PUBLIC BANK

PRODUCT: Credit Card Services (6020CC); Nonbank Credit Card Firms (6141); Retail Banking Services (6006); Clearing Banks (6010CB);
EVENT: General Management Services (26); Product Design & Development (33);
COUNTRY: Malaysia (9MAO);

11/5/18 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09049006
Deutsche Verbraucher sind Einkaufsmuffel im Internet
GERMANY: SHOPPING VIA INTERNET
S ddeutsche Zeitung (SDZ) 23 Jan 1999 p.22
Language: GERMAN

German consumers are still very restrained with regard to shopping in the internet. In 1998, only 1% of all Germans "occasionally" used the internet for shopping purposes, reported Emnid Institute and Fraunhofer Institute. 4% of the 2,000 people interviewed tried online shopping at least once, while 95% have never **purchased** anything via the **internet** so far. The reasons for the restraint are the time-consuming access to the respective internet sites and the confused presentation of the product range on those websites. Furthermore, telephone costs are relatively high in Germany. Many **consumers** are also afraid of a possible abuse of **confidential data** . However, experienced PC **users** are increasingly interested in electronic shopping. 53% can imagine to buy books, records and CDs online. In 1997, their number amounted to only 46%. 40% of the interviewed persons are interested in buying concert and theatre tickets online and 33% are interested in booking a journey via the internet.
COMPANY: INTERNET

PRODUCT: Tourism & Travel (7010TT); Book Publishing (2731); Records & Tapes (3652);
EVENT: Sales & Consumption (65); Marketing Procedures (24);
COUNTRY: Germany (4GER);

11/5/19 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06691596
Call for e-commerce industry to self-regulate
SINGAPORE: SELF-REGULATION OF E-COMMERCE SECTOR
Business Times (XBA) 22 Sep 1998 P.4
Language: ENGLISH

The National Internet Advisory Committee recommended greater industry self-regulation of **Internet transactions** so as to boost the growth of e-commerce in Singapore. An independent accreditation body comprising main industry players should be formed to administer a broader self-regulatory Industry Code of Practice controlling e-commerce. E-commerce service providers must ensure that the business records and personal particulars of their **users** are kept **confidential** . Such **information** should only be collected and used when relevant and necessary to the services provided. The committee also called for basic standards controlling the use and management of the personal information of e-commerce consumers. Service providers should make sure that the information collected in relation to a user is accurate and kept up to date. Users' requests to amend or delete the information should also be met by service providers.

COMPANY: INTERNET
EVENT: Market & Industry News (60);
COUNTRY: Singapore (9SIN);

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Set     Items   Description
S1          0   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2    2047027   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
              WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
              OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
              CE OR ECOMMERCE
S3      70703   S2(3N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
               OR BUYING OR SELLING)
S4    2358016   INFORMATION OR DATA OR INFO
S5      28436   S4(3N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
              HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S6    4126431   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S7       2046   S5(7N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR -
              PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
              NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
              TAILER?)
S8          14   S3(S)S7
S9          70   S3(S)S5
S10         59   S9 NOT PY>2000
S11         44   S10 NOT PD=20000327:20021102
S12         50   S8 OR S11
S13         48   RD (unique items)
?show files
File 387:The Denver Post 1994-2002/Nov 05
         (c) 2002 Denver Post
File 471:New York Times Fulltext 90-Day 2002/Nov 05
         (c) 2002 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
         (c) 2002 Phoenix Newspapers
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         (c) 2002 St Louis Post-Dispatch
File 498:Detroit Free Press 1987-2002/Nov 04
         (c) 2002 Detroit Free Press Inc.
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         (c) 2002 Boston Globe
File 633:Phil.Inquirer 1983-2002/Nov 05
         (c) 2002 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2002/Nov 06
         (c) 2002 Newsday Inc.
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         (c) 2002 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2002/Oct 31
         (c) 2002 Scripps Howard News
File 702:Miami Herald 1983-2002/Oct 15
         (c) 2002 The Miami Herald Publishing Co.
File 703:USA Today 1989-2002/Nov 05
         (c) 2002 USA Today
File 704:(Portland)The Oregonian 1989-2002/Nov 05
         (c) 2002 The Oregonian
File 713:Atlanta J/Const. 1989-2002/Nov 06
         (c) 2002 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2002/Nov 06
         (c) 2002 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2002/Nov 06
         (c) 2002 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2000/Dec 13
         (c) 2000 The Plain Dealer
File 735:St. Petersburg Times 1989- 2000/Nov 01
         (c) 2000 St. Petersburg Times
File 476:Financial Times Fulltext 1982-2002/Nov 06
         (c) 2002 Financial Times Ltd
File 477:Irish Times 1999-2002/Nov 06
         (c) 2002 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2002/Nov 06
         (c) 2002 Times Newspapers
File 711:Independent(London) Sep 1988-2002/Nov 06
         (c) 2002 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2002/Nov 06
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(c) 2002 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2002/Nov 06
(c) 2002

13/3,K/1 (Item 1 from file: 387)
DIALOG(R)File 387:The Denver Post
(c) 2002 Denver Post. All rts. reserv.

00760676 (USE FORMAT 7 OR 9 FOR FULLTEXT)
DOE gets anti-spy training One-day session set to take place Tuesday
James Risen, The New York Times
Denver Post, FRI1 ED, P A-07
Friday, July 30, 1999
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
SECTION HEADING: FRONT PAGE
Word Count: 409

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...computer networks
containing nuclear weapons secrets were shut down for two weeks.

Richardson had also **ordered** **cyber** -security training at the labs after learning that Wen Ho Lee, a scientist at Los...

...has been questioned during the FBI's investigation of China's possible theft of nuclear **secrets** , had downloaded extensive **data** on nuclear weapons from a classified computer system into an unclassified network.
There was also...

13/3,K/2 (Item 2 from file: 387)
DIALOG(R)File 387:The Denver Post
(c) 2002 Denver Post. All rts. reserv.

00740257 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Intel to build chips to help scramble data
Martha Mendoza, The Associated Press
Denver Post, TUE1 ED, P C-01
Tuesday, January 19, 1999
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
SECTION HEADING: BUSINESS
Word Count: 323

TEXT:
Intel Corp. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

However, Intel's innovation also could conflict with restrictions on the export...

13/3,K/3 (Item 1 from file: 492)
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz
(c) 2002 Phoenix Newspapers. All rts. reserv.

10220074
BIG BROWSER IS WATCHING WORKERS SOFTWARE LETS COMPANIES SEE EACH KEYSTROKE
Arizona (AR
) - Sunday, August 8, 1999
By: Michael Stroh, Baltimore Sun
Edition: Final Chaser Section: Business Page: D6
Word Count: 753

... But pornography is only part of the problem. Companies worry that employees could use the **Internet** to spill **trade** **secrets** or sensitive financial **data** . They're also concerned about lost productivity. Sports, stock brokerages and job boards rank among...

13/3,K/4 (Item 2 from file: 492)
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz
(c) 2002 Phoenix Newspapers. All rts. reserv.

08073046
CYBERSPACE ON-RAMP NEEDED
Arizona Republic (AR) - TUESDAY, March 14, 1995
By: Donald H. Reck, Special for The Arizona Republic
Edition: Final Chaser Section: Editorial/Opinion Page: B5
Word Count: 948

... use of encryption and authorization techniques to protect electronic data.

How many will entrust financial **data** and **trade secrets** to an **Internet** , accessible to anyone with a computer and modem? Reliability and security are major caution flags...

13/3,K/5 (Item 1 from file: 494)
DIALOG(R)File 494:St LouisPost-Dispatch
(c) 2002 St Louis Post-Dispatch. All rts. reserv.

10019112
INTEL ENTERS MURKY WORLD OF ENCRYPTION
St. Louis Post Dispatch (SL) - Tuesday, January 19, 1999
By: The Associated Press
Edition: FIVE STAR LIFT Section: BUSINESS Page: C7
Word Count: 433

TEXT:
Intel Corp. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

However, Intel's innovation could also conflict with restrictions on the export...

13/3,K/6 (Item 1 from file: 631)
DIALOG(R)File 631:Boston Globe
(c) 2002 Boston Globe. All rts. reserv.

10693071
FTC SUES TOYSMART.COM TO HALT DATA SALE BANKRUPT E-RETAILER MADE PRIVACY VOW TO CUSTOMERS
Boston Globe (BG) - Tuesday, July 11, 2000
By: Stephanie Stoughton, Globe Staff
Edition: THIRD Section: Business Page: E2
Word Count: 492

TEXT:
The Federal Trade Commission sued Toysmart.com Inc. yesterday, seeking to block the bankrupt **online retailer** from **selling confidential information** about its **consumers** .

In a strongly worded statement, the agency accused the Waltham-based toy seller of violating...

13/3,K/7 (Item 2 from file: 631)
DIALOG(R)File 631:Boston Globe
(c) 2002 Boston Globe. All rts. reserv.

10346032
INSURANCE DISCOUNTS FOR ANTITHEFT DEVICES OFTEN GO UNCLAIMED
Boston Globe (BG) - Sunday, December 12, 1999

By: Bruce Mohl and Patricia Wen, Globe Staff
Edition: THIRD Section: Metro/Region Page: B2
Word Count: 1,522

... often are unclear. The best protection against problems is using a credit card when making **purchases** , assuming the **on - line retailer** gives assurances that your card **information** is kept **confidential** , said Edgar Dworsky, a **consumer** advocate and publisher of an Internet consumer site called Consumerworld.org.

Buyers who use their...

13/3,K/8 (Item 3 from file: 631)
DIALOG(R)File 631:Boston Globe
(c) 2002 Boston Globe. All rts. reserv.

08340051
INTUIT PLANS EXPANSION TO INTERNET BANKING SERVICES SEEN AVAILABLE BY LATE 1996
Boston Globe (BG) - TUESDAY, December 5, 1995
By: Associated Press
Edition: THIRD Section: BUSINESS Page: 54
Word Count: 435

...version of Navigator was discovered recently, but Netscape corrected the problem.

To ensure that banking **transactions** are safe from **on - line** thieves, Intuit is employing security software designed to **hide** bank account **information** . Security problems are viewed as a major roadblock to on-line banking.

Currently, Intuit provides...

13/3,K/9 (Item 4 from file: 631)
DIALOG(R)File 631:Boston Globe
(c) 2002 Boston Globe. All rts. reserv.

04553134
JUDGE HEARS ARGUMENTS ON SOFTWARE LEGAL RIGHTS
BOSTON GLOBE (BG) - WEDNESDAY September 7, 1988
By: Jane Fitz Simon, Globe Staff
Edition: THIRD Section: BUSINESS Page: 76
Word Count: 249

TEXT:
Did Lotus Development Corp. misappropriate **confidential information** from Software Arts in designing its best- **selling** 1-2-3 **electronic** spreadsheet?

Did Lotus' founder Mitchell Kapor violate a nondisclosure agreement and illegally copy the look...

13/3,K/10 (Item 5 from file: 631)
DIALOG(R)File 631:Boston Globe
(c) 2002 Boston Globe. All rts. reserv.

03192799
GCA ASKING COURT TO CURB EX-OFFICIALS
BOSTON GLOBE (BG) - THURSDAY December 26, 1985
By: Ronald Rosenberg, Globe Staff
Edition: THIRD Section: BUSINESS Page: 73
Word Count: 556

... Mason, and Hans Erwich, who headed the development of an advanced

semiconductor manufacturing group, divulged **confidential information** to **Electronics** News, a weekly **trade** newspaper.

As a result, the company claims to have suffered "substantial harm," "loss of competitive...

13/3,K/11 (Item 1 from file: 633)
DIALOG(R)File 633:Phil.Inquirer
(c) 2002 Philadelphia Newspapers Inc. All rts. reserv.

10710102
FTC APPROVES PLAN TO REGULATE ONLINE INFORMATION GATHERING EFFECTIVE IMMEDIATELY, WEB ADVERTISERS NEED CUSTOMERS' PERMISSION TO ANONYMOUSLY PROFILE THEIR INTERNET ACTIVITY.
Philadelphia Inquirer (PI) - Friday, July 28, 2000
By: John Solomon, ASSOCIATED PRESS
Edition: SF Section: BUSINESS Page: C02
Word Count: 492

TEXT:
... Americans' online privacy, the government yesterday approved a plan by Internet advertisers to regulate the **secret** gathering of information used to profile **Web customers** .

The Federal **Trade** Commission voted 4-1 to endorse the self-regulatory plan submitted by the Network Advertising...

13/3,K/12 (Item 2 from file: 633)
DIALOG(R)File 633:Phil.Inquirer
(c) 2002 Philadelphia Newspapers Inc. All rts. reserv.

10222101
BUSINESS NEWS IN BRIEF
Philadelphia Inquirer (PI) - Tuesday, August 10, 1999
Edition: SF Section: BUSINESS Page: D03
Word Count: 1,216

... a new document-exchange service that allows law firms and corporate legal departments to share **confidential** invoice **information** over the **Internet** .

GE Hydro **buying** Kvaerner hydroelectric turbine business

GE Hydro, a division of General Electric Canada Inc., announced that

13/3,K/13 (Item 3 from file: 633)
DIALOG(R)File 633:Phil.Inquirer
(c) 2002 Philadelphia Newspapers Inc. All rts. reserv.

04096050
LEVINE SENTENCED TO 2 YEARS FOR INSIDER-TRADING SCHEME
PHILADELPHIA INQUIRER (PI) - SATURDAY February 21, 1987
By: Jennifer Lin, Inquirer Staff Writer
Edition: FINAL Section: NATIONAL Page: A01
Word Count: 1,048

TEXT:
Former investment banker Dennis B. Levine, who turned government informant and exposed a **web** of insider **trading** on Wall Street, was sentenced yesterday to two years in prison and fined $362,000 for illegally profiting from **confidential information** .

Levine's sentence was the most severe so far of any of the Wall Street ...

13/3,K/14 (Item 1 from file: 638)
DIALOG(R)File 638:Newsday/New York Newsday
(c) 2002 Newsday Inc. All rts. reserv.

10539079
TECH TODAY
Newsday (ND) - Tuesday February 8, 2000
By: Dow Jones News, The Associated Press
Edition: NASSAU AND SUFFOLK Section: BUSINESS & TECHNOLOGY Page: A45
Word Count: 351

TEXT:
...informal" investigation of Alexa Internet and
its software, which tracks where users go on the **Web** in **order** to provide
related **Web** links and other data. The FTC would not comment.
The two lawsuits that are mentioned...

...downloaded and installed on Web browsers like Netscape's
Navigator and Microsoft's Internet Explorer, **secretly** intercepts personal **data**
and sends that information to third **parties** , including Alexa's parent, Amazon.com.
An Alexa spokeswoman said that the company is cooperating...

13/3,K/15 (Item 2 from file: 638)
DIALOG(R)File 638:Newsday/New York Newsday
(c) 2002 Newsday Inc. All rts. reserv.

10019047
SHORT CUTS
Newsday (ND) - Tuesday January 19, 1999
By: Compiled from Associated Press, Dow Jones, Bloomberg News and Reuters reports.
Edition: ALL EDITIONS Section: BUSINESS Page: A40
Word Count: 1,184

TEXT:
...Will Keep Data Secret

INTEL CORP. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

Intel's innovation, however, also could conflict with restrictions on the export...

13/3,K/16 (Item 3 from file: 638)
DIALOG(R)File 638:Newsday/New York Newsday
(c) 2002 Newsday Inc. All rts. reserv.

04863209
SOURCE OF DREXEL'S DISCONTENT WAS FOREIGN LETTER
NEWSDAY (ND) - Thursday December 22, 1988
By: John Riley and David Henry
Edition: ALL EDITIONS Section: BUSINESS Page: 44
Word Count: 1,168

...Manhattan, and from obscurity into the headlines.

A merger specialist, Levine had been privy to **confidential information** on big takeover deals while working at some of Wall Street's most prestigious investment...

... contacts at other major financial houses and prominent law firms.

Through the summer, an information- **trading** **network** unprecedented in scope gradually unraveled.

Then, on Nov. 14, 1986, investigators unveiled their biggest catch...

13/3,K/17 (Item 1 from file: 640)
DIALOG(R)File 640:San Francisco Chronicle
(c) 2002 Chronicle Publ. Co. All rts. reserv.

05552941
PROSECUTORS WANT A TOUGH SENTENCE FOR AGUILAR
SAN FRANCISCO CHRONICLE (SF) - WEDNESDAY October 31, 1990
By: Jim Doyle, Chronicle Staff Writer
Edition: FINAL Section: NEWS Page: A17
Word Count: 534

... a more egregious breach of trust than that committed by a federal judge who uses **confidentially** obtained **secret** **information** to help a target evade court- **ordered** **electronic** surveillance," prosecutor William Keefer wrote.

He also asserted that Aguilar "lied repeatedly" during both his...

13/3,K/18 (Item 1 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

10710213
FTC OKS INTERNET PRIVACY PROPOSAL
Miami Herald (MH) - Friday, July 28, 2000
By: JOHN SOLOMON, Associated Press
Edition: State Section: Business Page: 1C
Word Count: 329

TEXT:
... online privacy, the government on Thursday approved a plan by Internet advertisers to regulate the **secret** gathering of information used to profile **Web** **customers** .

The Federal **Trade** Commission voted 4-1 to endorse the self-regulatory plan submitted by the Network Advertising...

13/3,K/19 (Item 2 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

10249144
PROLIFERATION OF PASSWORDS TAXES MEMORY
Miami Herald (MH) - Monday, September 6, 1999
By: DAVID E. KALISH, Associated Press
Edition: Final Section: Business Monday Page: 25BM
Word Count: 364

The codes are intended in part to keep an individual's **confidential** **information** from falling into the hands of pranksters and scam artists. This is especially crucial to protect accounts for **online** banking, stock **trading** and other financial dealings.

But the rampant growth in passwords is frustrating many users, who...

13/3,K/20 (Item 3 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

10019139
INTERNET AT HOME EXPECTED TO BUY EXCITE
Miami Herald (MH) - Tuesday, January 19, 1999
By: From Herald Staff and Wire Reports and Bloomberg News
Edition: Final Section: Business Page: 9B
Word Count: 757

...Chips with security capabilities

Intel Corp. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

However, Intel's innovation could also conflict with restrictions on the export...

13/3,K/21 (Item 4 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

08077123
INTUIT TO OFFER BANKING OVER THE INTERNET
Miami Herald (MH) - TUE December 5, 1995
By: ASSOCIATED PRESS
Edition: FINAL Section: BUSINESS Page: 3C
Word Count: 270

... bills, checking their account balances and transferring funds, over the Internet.

To ensure that the **transactions** are safe from **on - line** thieves, Intuit is employing security software designed to **hide** bank account **information** . Security problems are viewed as a major roadblock to on-line banking.

The announcement is...

13/3,K/22 (Item 5 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

07657236
MICROSOFT GOING ONLINE MAY BE GOOD FOR ALL
Miami Herald (MH) - MON November 21, 1994
By: ROSALIND RESNICK Herald Columnist
Edition: FINAL Section: BUSINESS Page: 34BM
Word Count: 991

...14.4 kbps.

Microsoft's alliance with Visa should remove much of the risk from **online** credit-card **transactions** . Though consumer **online** services like CompuServe and Prodigy are considered reasonably secure, the Internet is not. Thieves and vandals often hack their way into Internet-connected computers and filch passwords and other **confidential data** . Another problem is authentication: When **customers** place **orders** through the **network** , it's hard to tell if they really are who they say. Because of that...

13/3,K/23 (Item 6 from file: 702)
DIALOG(R)File 702:Miami Herald
(c) 2002 The Miami Herald Publishing Co. All rts. reserv.

05090038
STATE CLOSES ORANGE STATE BANK

MIAMI HERALD (MH) - SAT DEC 09 1989
By: From Herald Staff and Wire Reports
Edition: FINAL Section: BUSINESS Page: 4C
Word Count: 479

... its Jacksonville plant and customers in southeast Georgia and northeast Florida.

The purchase price was **not disclosed** .

NYCOM **INFORMATION** SERVICES INC. has completed its **purchase** of American **Network** Exchange Inc. of Boca Raton.

According to a definitive agreement between the two companies, Amnex ...

13/3,K/24 (Item 1 from file: 703)
DIALOG(R)File 703:USA Today
(c) 2002 USA Today. All rts. reserv.

08661784
Keeping 'pry' out of the privacy debate
USA TODAY (US) - WEDNESDAY March 31, 1999
By: Leslie Miller; Elizabeth Weise
Edition: FINAL Section: LIFE Page: 04D
Word Count: 2017

... give me a 5% discount.'' PrivaSeek (www.privaseek.com) will get a commission if a **transaction** follows.

Lumeria (**www** .lumeria.com), of El Cerrito, Calif., **hides** personal **information** and then lets you charge companies to see it. ''If they think information about consumers...

13/3,K/25 (Item 1 from file: 704)
DIALOG(R)File 704:(Portland)The Oregonian
(c) 2002 The Oregonian. All rts. reserv.

10019032
INTEL PLANS CHIPS INCORPORATING SECURITY
Oregonian (PO) - Tuesday, January 19, 1999
By: MARTHA MENDOZA The Associated Press
Edition: SUNRISE Section: BUSINESS Page: C01
Word Count: 582

TEXT:
...restrictions on encryption exports

Intel Corp. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

However, Intel's innovation could also conflict with restrictions on the export...

13/3,K/26 (Item 2 from file: 704)
DIALOG(R)File 704:(Portland)The Oregonian
(c) 2002 The Oregonian. All rts. reserv.

08339130
INTUIT CORP. PLANS TO OFFER ON-LINE BANKING OVER NET
Oregonian (PO) - TUESDAY, December 5, 1995
By: From wire reports
Edition: SUNRISE Section: BUSINESS Page: B03

Word Count: 164

... bills, checking their account balances and transferring funds, over the Internet.

To ensure that the **transactions** are safe from **on - line** thieves, Intuit is employing security software designed to **hide** bank account **information** . Security problems are viewed as a major roadblock to on-line banking.

The announcement is...

13/3,K/27 (Item 1 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

11207275
EASY ACCESS: WEB'S DETRIMENTAL BENEFIT
Atlanta Constitution (AC) - Thursday, July 26, 2001
By: Staff
Edition: Home Section: Editorial Page: A18
Word Count: 399

... information is already out there and easily accessible --- through a byzantine trail of buying and **selling** lists of **Internet users** or by the accidental release of **confidential information** . And both good and nefarious folks are using that same network.

It's the miracle...

13/3,K/28 (Item 2 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

10667290
DAILY BRIEFING
Atlanta Constitution (AC) - Thursday, June 15, 2000
By: Staff reports and news services
Edition: Home Section: Business Page: F2
Document Type: Brief
Word Count: 2,313

TEXT:
...Salt Lake City.
Also ...
> Checkmate: Atlanta-based IVI Checkmate Corp. completed its acquisition of National **Transaction Network** .
Nortel **Networks** : North America's No. 2 phone equipment maker agreed to buy the 91 percent of...

...million in stock.
Internet Commerce: The provider of services that let companies exchange invoices and **purchase orders** over the **Web** agreed to buy Research Triangle Commerce Inc. for $42 million in cash and stock to...
... with mySAP.com, the electronic business unit of Germany's SAP AG, to build an **Internet** -based foreign exchange **trading** service. Customers of the bank who use mySAP.com accounting software will be able to...sued a Web site operator for allegedly using the domain name wbmd.com to direct **Internet** traffic toward sites **selling** prescription drugs and sex toys. James Michael Smith of Atlanta has been using the wbmd...

... percent after America Online Inc. said it will invest $200 million in the company. America **Online** , which also is **buying** Time Warner, will become TiVo's largest shareholder with a 24 percent stake. The companies... had observed found their way into the news media. Violations included deceiving or lying to **customers** , mishandling proprietary or **confidential**

information , improper manipulation of financial data, sexual harassment, employment discrimination, unsafe working conditions and environmental breaches...

13/3,K/29 (Item 3 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

09655314
PRIVACY LACKING AT WEB SITES, FTC SAYS
ATLANTA Journal (ATLANTA Journal) - Thursday, June 4, 1998
Section: News Page: a01
Word Count: 358

TEXT:
... the World Wide Web fail to tell visitors how they use personal information collected during **Internet** surfing, the Federal **Trade** Commission has concluded. In a report to be released today, the commission also recommends that...

... staying off-line. The issue has taken on growing importance as more companies have begun **selling** products using the **Internet** . ''This report should serve as a wake-up call to the online industry,'' said Rep...

... used, and fewer than 2 percent included a so-called comprehensive privacy policy. Nothing --- from **confidential** credit card **information** and home telephone numbers to spending habits and areas of personal interest --- seems to be...

13/3,K/30 (Item 4 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

09655301
LITTLE PRIVACY AT WEB SITES, FTC SAYS
ATLANTA Journal (ATLANTA Journal) - Thursday, June 4, 1998
Section: News Page: a01
Word Count: 277

TEXT:
... the World Wide Web fail to tell visitors how they use personal information collected during **Internet** surfing, the Federal **Trade** Commission has concluded. In a report to be released today, the commission also recommends that...

... the information is used, and fewer than 2 percent included a privacy policy. Nothing --- from **confidential** credit card **information** and home telephone numbers to spending habits and areas of personal interest --- seems to be...

13/3,K/31 (Item 5 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

08339032
Intuit to offer customers online banking via Internet
Atlanta Constitution (AC) - Tuesday, December 5, 1995
By: ASSOCIATED PRESS
Section: BUSINESS Page: E/8
Word Count: 249

... bills, checking their account balances and transferring funds, over the Internet.

To ensure that the **transactions** are safe from **online** thieves, Intuit

is employing security software designed to **hide** bank account **information** . Security problems are viewed as a major roadblock to online banking.

The announcement is a...

13/3,K/32 (Item 6 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2002 Atlanta Newspapers. All rts. reserv.

08322056
BUSINESS IN BRIEF Nasdaq parent approves overhaul ATLANTA GEORGIA THE NATION ALSO NOTEWORTHY
Atlanta Constitution (AC) - Saturday, November 18, 1995
By: - Staff reports and news services
Section: BUSINESS Page: H/3
Word Count: 745

... of land for an apartment complex in Greensboro, N.C., for $1.1 million. . . . Checkmate **Electronics** Inc. has received **orders** from Food Lion Inc. for the first phase of a chainwide rollout of Checkmate's CM 400 universal check reader. Financial terms were **not disclosed** . . . . National **Data** Corp. is acquiring Conceptual Systems Corp., a Cleveland company that provides electronic claims processing services...

13/3,K/33 (Item 1 from file: 714)
DIALOG(R)File 714:(Baltimore) The Sun
(c) 2002 Baltimore Sun. All rts. reserv.

10214107
Companies can monitor their staffs' every keystroke. Are rights violated?; GOTCHA!; Snoopware on the job
THE BALTIMORE SUN (BS) - Monday August 2, 1999

By: SUN STAFF @B Michael Stroh
Edition: FINAL
Section: PLUGGED IN
Page: 1C

Word Count: 1,253

... But pornography is only part of the problem. Companies worry that employees could use the **Internet** to spill **trade secrets** or sensitive financial **data** . They're also concerned about lost productivity. Sports, stock brokerages and job boards rank among...

13/3,K/34 (Item 1 from file: 715)
DIALOG(R)File 715:Christian Sci.Mon.
(c) 2002 Christian Science Monitor. All rts. reserv.

09369628
USA
Christian Science Monitor (CH) - Wednesday, December 29, 1999
By: Lance Carden and Ross Atkin
Edition: ALL Section: NEWS IN BRIEF Page: 20
Word Count: 550

TEXT:
... but not the toys based on the Japanese video game and movie characters. The burgeoning **online** -prescription drug **trade** was the focus of a new Clinton-administration initiative. The plan, if approved by Congress...

... from an online buyer. A bail appeal by the nuclear scientist charged with illegally transferring **secret data** at the Los Alamos National Laboratory began in Albuquerque, N.M. Taiwanese-born Wen Ho...

13/3,K/35 (Item 1 from file: 725)
DIALOG(R)File 725:(Cleveland)Plain Dealer
(c) 2000 The Plain Dealer. All rts. reserv.

10710064
ONLINE PRIVACY PLAN GETS FTC NOD
Plain Dealer (Cleveland) (PD) - Friday, July 28, 2000
By: JOHN SOLOMON ASSOCIATED PRESS
Edition: FINAL / ALL Section: BUSINESS Page: 1C
Word Count: 409

TEXT:
... Americans' online privacy, the government yesterday approved a plan by Internet advertisers to regulate the **secret** gathering of information used to profile **Web customers** .

The Federal **Trade** Commission voted, 4-1, to endorse the self-regulatory plan submitted by the Network Advertising...

13/3,K/36 (Item 2 from file: 725)
DIALOG(R)File 725:(Cleveland)Plain Dealer
(c) 2000 The Plain Dealer. All rts. reserv.

10019008
INTEL TO BUILD MICROCHIP THAT CAN SCRAMBLE DATA
Plain Dealer (Cleveland) (PD) - Tuesday, January 19, 1999
By: ASSOCIATED PRESS
Edition: FINAL / ALL Section: BUSINESS Page: 2C
Word Count: 332

TEXT:
Intel Corp. plans to build computer chips that can help scramble **data** to keep it **secret** , a move that could boost business on the **Internet** as information and **transactions** become more secure.

However, Intel's innovation could also conflict with restrictions on the export...

13/3,K/37 (Item 1 from file: 735)
DIALOG(R)File 735:St. Petersburg Times
(c) 2000 St. Petersburg Times. All rts. reserv.

08346009
CD-ROM PRINTOUTS MAY PREVENT MANY UNHAPPY RETURNS
St. Petersburg Times (PE) - MONDAY December 11, 1995
By: DAVE GUSSOW
Edition: CITY Section: BUSINESS Page: 16
Word Count: 464

...alliances. So far, none of the banks has agreed to participate.

To ensure that banking **transactions** are safe from **online** thieves, Intuit is employing security software designed to **hide** bank account **information** .

Security problems are viewed as a major roadblock to online banking.

Call it the online...

13/3,K/38 (Item 2 from file: 735)
DIALOG(R)File 735:St. Petersburg Times
(c) 2000 St. Petersburg Times. All rts. reserv.

07849121

A PRIVATE MATTER? DON'T COUNT ON IT
St. Petersburg Times (PE) - WEDNESDAY December 14, 1994
By: SUE LANDRY
Edition: CITY Section: NATIONAL Page: 14A
Word Count: 1,054

... Sobel said. In a recent incident, employees of the Social Security Administration were charged with **selling** information to Nationwide **Electronic** Tracking, a company that advertised that it could provide access to **confidential** **data** .

""I think we've really only seen the tip of the iceberg in terms of...

13/3,K/39 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0010509960 A200002150-100-FT
WORLD NEWS: THE AMERICAS: DoubleClick in privacy move NEWS DIGEST
JOHN LABATE
Financial Times, USA Ed2 ED, P 7
Tuesday, February 15, 2000
DOCUMENT TYPE: NEWSPAPER; Digests LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT SECTION HEADING: WORLD NEWS: THE AMERICAS
Word Count: 179

...ways to improve its privacy policies.

Recent privacy concerns have centred on the flow of **confidential** **consumer** **information** on the internet. DoubleClick's acquisition of the Abacus Direct catalogue-shopping database fuelled such...

...groups and lawmakers. The takeover enables DoubleClick to combine consumer details - including names, addresses, and **online** **purchases** - with DoubleClick's own non-personal data used to target advertisements to consumers.

When the...

13/3,K/40 (Item 2 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0010084750 A1999123020D-B0-FT
COMPANIES & FINANCE: INTERNATIONAL: US sales online exceed forecasts
TOM FOREMSKI
Financial Times, USA Ed2 ED, P 15
Thursday, December 30, 1999
DOCUMENT TYPE: Stories; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT SECTION HEADING: COMPANIES & FINANCE: INTERNATIONAL
Word Count: 353

...of between Dollars 10bn and Dollars 11bn.

The survey assessed sales figures reported by 30 **online** retailers **selling** a wide range of consumer goods such as clothing, books, music, electronic goods, computer hardware...

...financial services or travel. BCG says its survey results are accurate because they rely on **confidential** sales **data** from **retailers** rather than surveys of **customer** purchases.

"These growth figures clearly demonstrate that this year, consumers were much more comfortable doing...

13/3,K/41 (Item 3 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0010078645 A199912011BF-58-FT
INSIDE TRACK: Consumers like their windows in the shops: INFORMATION TECHNOLOGY VENEZUELA: E-commerce in this oil-rich corner of Latin America has failed to fulfil expectations, writes Raymond Colitt
RAYMOND COLITT
Financial Times, London Edl ED, P 16
Wednesday, December 1, 1999
DOCUMENT TYPE: Features; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT SECTION HEADING: INSIDE TRACK
Word Count: 893

...of the biggest hurdles to the expansion of e-commerce is lack of confidence in **online** credit card **transactions** . Wary of continued financial fraud, and shell-shocked from a 1994 financial crisis that wiped out half the banking system, Venzuelan **consumers** hesitate to send **confidential information** down a phone line.

Even those willing to do so face obstacles in getting online...

13/3,K/42 (Item 4 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0008025881 B0FCAGCAHOFT
FT IT Review of Information Technology (62): 'A big bang year' for commerce on the Internet
MICHAEL WILTSHIRE
Financial Times, P XVII
Wednesday, March 1, 1995
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 208

...If you were type a password or give your credit card number to make a **purchase** on **Internet** , using an insecure application, your data could be routed through many networks, perhaps owned by competitors - any one of which could use a 'line trace' to examine **confidential information** .'

From a commercial viewpoint, secure **clients** will turn the Internet from a primary marketing tool to a fully fledged sales channel...

13/3,K/43 (Item 5 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0003066465 B05IPANAA4FT
Survey of the Security Industry (10): Greed and anger pose threat / Computer fraud
ALAN CANE
Financial Times, Section U. ED, P 21
Friday, September 13, 1985
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 977

...a new surge of interest in computer security.

First, rapid growth in computer communications and **on - line transaction** processing, which means that computer data representing large sums of money and **confidential information** travel continuously and in large volumes around the world's telecommunications lines.

Second, the emergence...

13/3,K/44 (Item 1 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2002 Times Newspapers. All rts. reserv.

14037131
LAW WILL BACK UP ELECTRONIC DEALS
Times of London (TL) - Sunday, February 6, 2000
By: David Sumner Smith
Section: Business
Word Count: 494

... as ours involved employing data- inputting houses to transfer information from paper applications to computer. **Electronic transactions** make employing external assessment expertise and virtual judging panels a reality. We can get experts from all over the world to consider and discuss **confidential information** without those experts needing to meet physically. A great deal of time will be saved...

13/3,K/45 (Item 2 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2002 Times Newspapers. All rts. reserv.

14037130
SECURITY HOLDS KEY TO E-COMMERCE;THE ENTERPRISE NETWORK
Times of London (TL) - Sunday, February 6, 2000
By: David Sumner Smith
Section: Business
Word Count: 1,923

... reported data loss, compared with 13% of companies whose websites provide only information.

Theft of **data** or trade **secrets** was reported by 12% of companies **selling** over the **web** against 4% of companies without **online transactions** . Security breaches led to 7% of companies **selling** through **websites** losing revenue compared with just 1% of other companies.

Bruce Murphy of Price Waterhouse Coopers...

13/3,K/46 (Item 3 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2002 Times Newspapers. All rts. reserv.

08702817
Superhighway robbers hit banks; Computer hackers
Times of London (TL) - Sunday, September 3, 1995
By: Garth Alexander
Section: Business
Word Count: 704

...shares or shop for airline tickets and other goods and services.

The rapid growth of **on - line** financial **transactions** has spawned a new breed of superhighway robbers, criminal hackers who steal credit-card numbers and **secret** passwords on the **information** highway. Earlier this year the FBI arrested Kevin Mitnick, 31, who is accused of stealing...

13/3,K/47 (Item 4 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2002 Times Newspapers. All rts. reserv.

08676449
Bank turns shopkeeper on the Internet; Barclays Bank
Times of London (TL) - Saturday, June 3, 1995

By: Nigel Hawkes, Science Editor
Section: Home news
Word Count: 546

...users, will expand to $600 billion (Pounds 380 billion) a year by 1999.

At present, **transactions** are trivial. The **Internet** emerged from the academic world and has been used for exchanging information rather than making...

... many computers. Hackers find it easy to eavesdrop on e-mail (electronic mail) and sending **confidential information** such as credit card numbers could lead to widespread fraud. Barclays believes it has solved...

13/3,K/48 (Item 5 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2002 Times Newspapers. All rts. reserv.

08636478
Internet scoops up Barclaycard; Personal Finance
Times of London (TL) - Sunday, January 15, 1995
By: Nick Gardner
Section: Business
Word Count: 200

We cannot send **confidential information** at the moment because the relevant encryption system is not in place, but non- **confidential information** can be sent to the **customer** 's e-mail number," said Roger Alexander of Barclaycard. "As technology develops, we may soon be able to execute financial **transactions on - line** ."

Users will be encouraged to comment on Barclaycard services and suggest improvements via a "talkback...

```
Set     Items   Description
S1        505   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2    7834392   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
              WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
              OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
              CE OR ECOMMERCE
S3     698439   S2(3N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
               OR BUYING OR SELLING)
S4    7097477   INFORMATION OR DATA OR INFO
S5      62820   S4(3N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
              HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S6    6724970   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S7       7376   S5(7N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR -
              PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
              NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
              TAILER?)
S8        199   S3(20N)S7
S9        167   S8 NOT PY>2000
S10       124   S9 NOT PD=20000327:20021102
S11        90   RD (unique items)
?show files
File  20:Dialog Global Reporter 1997-2002/Nov 06
         (c) 2002 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2002/Nov 06
         (c) 2002 Financial Times Ltd
File 610:Business Wire 1999-2002/Nov 06
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         (c) 2002 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2002/Nov 06
         (c) 2002 ProQuest Info&Learning
```

11/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

10168411 (USE FORMAT 7 OR 9 FOR FULLTEXT)
DE LA RUE: De La Rue to acquire UK digital certification authority - InterClear; Provision of Public Key Infrastructure (PKI) electronic security services will allow customers access to a secure, authenticated infrastructure for e-business
M2 PRESSWIRE
March 21, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 554

...the business enables the secure management of digital certificates, which act like `electronic passports` ensuring **user** authentication, **data** integrity and **confidentiality** and message non-repudiation in **electronic transactions** . PKI services are becoming an integral part of an increasing number of e-business applications...

11/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

10153961 (USE FORMAT 7 OR 9 FOR FULLTEXT)
De La Rue PLC - Re Acquisition
REGULATORY NEWS SERVICE
March 20, 2000
JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 543

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the business enables the secure management of digital certificates, which act like 'electronic passports' ensuring **user** authentication, **data** integrity and **confidentiality** and message non-repudiation in **electronic transactions** . PKI services are becoming an integral part of an increasing number of e-business applications...

11/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

10059537 (USE FORMAT 7 OR 9 FOR FULLTEXT)
AIU offers Internet liability cover
ENOCH YIU
SOUTH CHINA MORNING POST, p4
March 15, 2000
JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 330

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 17 per cent of respondents had reported unauthorised network entry.
"These attacks often cause the **on - line trading** or sales business to be interrupted," Mr Cotter said.
In some cases, break-ins could lead to the loss of **clients ' confidential information** .
"This will bring claims from **customers** and will seriously damage the reputation of the on-line companies," Mr Cotter said.
The...

11/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09958059 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Datakey and CyberTrust Team with General Dynamics to Provide the Department of Defense with the Highest-Level Information Security Technology
PR NEWSWIRE
March 08, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 848

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/5 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09801359 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Compaq To Deliver Baltimore Security Solutions
NEWSBYTES
February 28, 2000
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 118

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** , and message non-repudiation when **transacting electronically** .
Baltimore Technologies markets and sells its solutions worldwide directly and through the TrustedWorld channel program...

11/3,K/6 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09748503 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Baltimore Tech.PLC - Re Partnership Agreement
REGULATORY NEWS SERVICE
February 23, 2000
JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 557

... of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** and message non-repudiation when **transacting electronically** . PKI systems are being deployed by enterprises worldwide such as governments, banks, telcos, large corporations...

11/3,K/7 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09723862 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: CyberTrust Japan receives award from the new business conference; Japan`s leading security provider recognized for market potential and rapid growth
M2 PRESSWIRE
February 23, 2000

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 465

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... value business relationships to the Web.
CyberTrust`s certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/8 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09705669 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Corporation to promote and deliver information security products and solutions
BUSINESS WIRE
February 23, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 271

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** and message non-repudiation when **transacting electronically** . PKI systems are being deployed by enterprises worldwide such as governments, banks, telcos, large corporations...

11/3,K/9 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09560337 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: New CyberTrust CA Hosting for Secure Extranets lets companies outsource certificate authority to ensure secure Internet transactions; Service reduces cost and speeds time to market for customers
M2 PRESSWIRE
February 14, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 893

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... value business relationships to the Web.
CyberTrust`s certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/10 (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09389957 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Baltimore Technologies Secures Internet Trading for Australian Stock Exchange
BUSINESS WIRE
February 01, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1307

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... based technology in a user-friendly environment. Digital certificates act as 'electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** and when used within a Certificate Authority (CA) infrastructure, provide the basis for trust in...

11/3,K/11 (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09293791 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Technology - Systems integration - Don't leave it to chance.
Philip Crewe.
NETWORK NEWS, p31
January 26, 2000
JOURNAL CODE: WNNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1729

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the risk.
Hacking into a database is only one concern outlined by companies looking to **trade** on the **web** . The other concern is that unwanted eyes, either within the company or at a **partner** or hosting site, could see **confidential information** . The solution is the encryption and authentication services promised by PKI, which codes the data...

11/3,K/12 (Item 12 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09230479 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Introduces The First Secure Mobile E-Commerce Solution For High-Value Transactions Over Wireless Extranets
BUSINESS WIRE
January 18, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1107

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/13 (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09230475 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Adobe Chooses CyberTrust to Enable Secure Sale and Delivery of eBooks and Other Documents on the Web
BUSINESS WIRE
January 18, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 501

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/14 (Item 14 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09227068 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Baltimore Technologies to Acquire GTE's CyberTrust
BUSINESS WIRE
January 17, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1365

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/15 (Item 15 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09207572 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: Adobe chooses CyberTrust to enable secure sale and delivery of eBooks and other documents on the web
M2 PRESSWIRE
January 20, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 591

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/16 (Item 16 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09170810 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: CyberTrust introduces the first secure mobile e-commerce solution for high-value transactions over wireless extranets
M2 PRESSWIRE
January 18, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1249

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/17 (Item 17 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09167017 (USE FORMAT 7 OR 9 FOR FULLTEXT)
HEWLETT-PACKARD: HP selects Baltimore Technologies' UniCERT for e-services security
M2 PRESSWIRE
January 18, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1086

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... securely. It enables secure management of digital certificates which act as 'electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** .
About Baltimore Technologies
Baltimore Technologies develops and markets security products and services to enable companies...

11/3,K/18 (Item 18 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09161582 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Baltimore Tech.PLC - Re Acqn. from GTE Corporation
REGULATORY NEWS SERVICE
January 17, 2000
JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1098

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/19 (Item 19 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09047318 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Achieves Major Milestone- Licenses Over 10 Million Digital Certificates
BUSINESS WIRE
January 07, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 571

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/20 (Item 20 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09044783 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Enables Finland's Nation-Wide Electronic Initiative; CyberTrust's Global CA Enables Over 4,000,000 Citizens with Electronic Credentials
BUSINESS WIRE
January 06, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 608

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... value customer relationships to the Web. CyberTrust's certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of official partners, CyberTrust offers the industry's most complete suite of public key infrastructure...

11/3,K/21 (Item 21 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09022259 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: CyberTrust achieves major milestone -- licenses over 10 million digital certificates
M2 PRESSWIRE
January 07, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 508

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/22 (Item 22 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09019804 (USE FORMAT 7 OR 9 FOR FULLTEXT)
USERTrust Wins Legislative Consulting Contract From the State of Kansas
PR NEWSWIRE
January 06, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 401

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... authority (CA) providing technology, consulting and services that promote the use of digital signatures for **transacting** legally binding **electronic** commerce and ensuring the **confidentiality** of sensitive **information** . **USERTrust** products, services and experience, along with its relationships with key industry and government organizations, have...

11/3,K/23 (Item 23 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

09016645 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CYBERTRUST: CyberTrust enables Finland's nation-wide electronic initiative
M2 PRESSWIRE
January 07, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 555

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... value customer relationships to the Web.
CyberTrust's certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed-binding **transactions** . Through our global **network** of official partners, CyberTrust offers the industry's most complete suite of public key infrastructure...

11/3,K/24 (Item 24 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08987031 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: CyberTrust honored with Frost & Sullivan 1999 Market Engineering Turnaround Strategy Award
M2 PRESSWIRE
January 05, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 499

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/25 (Item 25 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08986118 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Honored with the Frost & Sullivan 1999 Market Engineering Turnaround Strategy Award
BUSINESS WIRE
January 05, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 555

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/26 (Item 26 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08517640 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Borderless ID key seen as vital to electronic security
ERIC NG
SOUTH CHINA MORNING POST, p4

December 03, 1999
JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 282

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Internet or e-commerce development relies on the ubiquity of identification."

The PKI allows local **electronic transactions** participants to authenticate the identity of other parties of the transactions and to ensure integrity and **confidentiality** of **information** exchanged among **participants** .

It also guards against repudiation of transactions. Mr Duff said the Government needed to work...

11/3,K/27 (Item 27 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08513032 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NATSEC Starts Up Site For Thailand Stock Data
NEWSBYTES
December 01, 1999
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 448

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... calls or visit the trading room.

The Website service is set up to accommodate the **online** stock **trading** market which is expected to be delivered early next year. The company gave an assurance that **customers** ' personal **information** will be **confidential** under the Website's highly-secure firewall and password system.

"The current customers who are...

11/3,K/28 (Item 28 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08475378 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CYBERTRUST: CyberTrust named among fastest-growing developers of e-business solutions
M2 PRESSWIRE
November 30, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 700

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/29 (Item 29 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08462329 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Named Among Fastest-Growing Developers of E-Business Solutions
BUSINESS WIRE
November 30, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 798

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/30 (Item 30 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08382794 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Entrust those information assets in safe hands
ECONOMIC TIMES
November 25, 1999
JOURNAL CODE: WETI LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1641

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... per cent). Some (5 per cent) use Internet technology for updating their current and prospective **customers** with product and Scheme **information** .
Loss of **confidentiality** and legal issues have been the most significant reasons cited for non-use of the **Internet** for commercial **transactions** . Very close in sequence were risk of frauds and hacking. Amongst the 24 organisations which...

11/3,K/31 (Item 31 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08323749 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Banks need to capitalise on strengths, says group
Jennifer Jacobs
BUSINESS TIMES (MALAYSIA)
November 20, 1999
JOURNAL CODE: FBTM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 679

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... role leverages two fundamental strengths of financial institutions: their trusted position and their access to **confidential customer information** .
They said these strengths give banks an advantage and an opportunity to play an important role in the certification of **Internet transactions** adding that realising that opportunity will depend on establishing common standards quickly enough and on...

11/3,K/32 (Item 32 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

08231258 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Data Privacy Issue Being Addressed By ISPs.
Frances Chan
ASIA COMPUTER WEEKLY
November 15, 1999
JOURNAL CODE: FACW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 977

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... or intercepted by means of data encryption. However, a secure network can be deployed for **online trading partners** to exchange **confidential data** .
Said Suen: "We provide electronic data interchange services to our customers whose data will be...

11/3,K/33 (Item 33 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08145698 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SIGNETRUST Selects CyberTrust Secure Extranet Technology to Establish First Secure System for Transmitting Healthcare and Insurance Documents Online
BUSINESS WIRE
November 09, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 827

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/34 (Item 34 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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08097811 (USE FORMAT 7 OR 9 FOR FULLTEXT)
USAR Awarded Patent For USAR PixiPoint Z Force Stick Encoder Circuit
BUSINESS WIRE
November 05, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 510

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... handheld and other embedded system and ACPI-compliant embedded controllers with integrated keyboards and other **HID** functionality.
For more **information** about USAR's products, please contact **Customer** Support at 212.226.2042, e-mail info@usar.com or visit USAR's web site at **www** .usar.com.
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CONTACT: USAR Systems...

11/3,K/35 (Item 35 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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07904865 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NEXOR Joins CyberTrust Interoperability Program; Collaboration Opens Up Market Possibilities in Directories
BUSINESS WIRE
October 25, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 531

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** .
Through its global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/36 (Item 36 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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07793056 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Safe e-transactions with smartcards
NEW STRAITS TIMES (MALAYSIA)
October 18, 1999
JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1187

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... created which will confirm its validity. These are the elements:
* Authentication: Anyone involved in an **e - commerce transaction** must be able to prove who they are and be confident of the identity of the other **parties** ;
* **Confidentiality** of **information** : **Information** that passes between the **customer** , the **merchant** and the bank must be totally confidential.
Encryption techniques are normally used to ensure that...

11/3,K/37 (Item 37 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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07705917 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Cybertrust and Newest Encryption Partner Aladdin Combine Leading-Edge Technologies; Aladdin's eToken Now Supports Cybertrust's PKI-enabled Secure Extranets
BUSINESS WIRE
October 12, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 835

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through our global **network** of partners, Cybertrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/38 (Item 38 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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07362048 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Receives U.S. Government Approval to Export Its Security Solutions to Internationally-Based Companies
BUSINESS WIRE
September 22, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 747

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Method establishes a first-in-market standard for

certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/39 (Item 39 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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07319183 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Standard Transfer Protocols: Intimate Transfers
COMPUTERS TODAY, p74
September 30, 1999
JOURNAL CODE: WCOT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1421

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... have been developed by browser manufacturers such as Microsoft and Netscape. In order to accept **transactions** from **electronic** wallets, merchants need to incorporate SET into their Internet servers. To be able to receive **confidential information** from **buyers** and **sellers** , banks will need to build SET into their servers.
SET was announced as a single...

11/3,K/40 (Item 40 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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06743926 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Research Reveals That Consumer Attitudes Toward Online Purchasing Methods are a Barrier to eCommerce Growth
BUSINESS WIRE
August 17, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1452

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... smartcard technology, which stores financial and personal information, consumers who use the UTM Machine for **online transactions** will not risk disclosure of this **information** . "UTM Systems will **not disclose** or sell the personal information of our **customers** ," says Robert Lee, president and founder of UTM Systems Corp. "Consumers are clearly sensitive to...

11/3,K/41 (Item 41 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

06543333 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Torn between SET and SSL
Cordelia Lee
NEW STRAITS TIMES (MALAYSIA), p28
August 04, 1999
JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1627

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... browser and a server.
In comparison, SET addresses the security concerns of both cardholders and **merchants** by ensuring **confidentiality** , **data** integrity, and authenticity of the **parties** involved in **e - commerce transactions** .
In any case, digital certificates issued for use on the SET payment

gateway can also...

11/3,K/42 (Item 42 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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06221229 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Pilot Network Services, Inc. Provides E-Business Security for Simpata, Inc.
PR NEWSWIRE
July 15, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 689

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... benefits administration, human resources management and employee communications. Security is crucial because of the highly **confidential** nature of the **information** that Simpata handles for its **customers** . The Pilot Security Utility ensures maximum protection for all of Simpata's **on - line** business **transactions** .
"Having the backing of Pilot is crucial to both our customers' and Simpata's comfort...

11/3,K/43 (Item 43 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05729961 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CyberTrust Introduces CyberTrust Secure Extranets
BUSINESS WIRE
June 14, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1213

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... hosting technology enables Ruesch International to conduct high volumes of business-to-business international payment **transactions** on our RueschLINK **extranet** , while assuring our **clients** that this highly sensitive **information** remains **confidential** and secure," said Ronald Szoc, senior vice president for Technology at Ruesch International. "CyberTrust's...

11/3,K/44 (Item 44 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05706219 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Whats-Online.com Announces Major Corporate Developments
BUSINESS WIRE
June 11, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 904

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... software to transfer credit card information through their web sites. By using encryption, credit card **information** is kept **confidential** and secure at all times. For **customers** who are unsure of **online purchasing** , a personal Whats- **Online** .com help line is available at 1 877 WHATS-OL (942 8765).
Whats-Online.com...

11/3,K/45 (Item 45 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05643471 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BSI, Inc. Announces New BS 7799 Standard for Information Security Management
BUSINESS WIRE
June 07, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 606

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the growing demands of the Internet and Virtual Private Networks (VPNs). Whether a company stores **confidential customer information** , makes **electronic** financial **transactions** , or stores a database of proprietary information, information security is essential.
Of equal importance is...

11/3,K/46 (Item 46 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05413543 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sonera, Hewlett-Packard in e-commerce security venture
AFX EUROPE
May 19, 1999
JOURNAL CODE: WAXE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 80

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... makes use of the SIM cards contained in mobile phones to allow service providers and **users** to identify counterparties, and protect the **confidentiality** and **information** content of messages.
E-speak lets **users** carry out negotiations, **transactions** and billing **electronically** .
ma/cmr

11/3,K/47 (Item 47 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05365236 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sonera SmartTrust Solution to Add Security and Authorisation Services to HP's e-services Platform
PR NEWSWIRE
May 18, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 824

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in February 1999. It enables service providers and users to positively identify the other transacting **party** and it guarantees **information confidentiality** and integrity.
HP's e-speak, along with Sonera's SmartTrust product family, will enable global secure e-services and **e - commerce transactions** over wireless **networks** and the Internet. The SmartTrust product family supports the existing operations of client companies and...

11/3,K/48 (Item 48 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05339085 (USE FORMAT 7 OR 9 FOR FULLTEXT)
eBags Debuts Online With Full Range of Brand Name Products
PR NEWSWIRE
May 17, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 707

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a purchase, they can be assured of privacy. eBags promises never to sell or distribute **confidential customer information** to any third **party** . And the site uses proven encryption software to ensure credit card security when **ordering online** .
"We're very excited about this new venture," Nordmark said. "We believe we will be...

11/3,K/49 (Item 49 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05058104 (USE FORMAT 7 OR 9 FOR FULLTEXT)
EDS: New EDS offering moves businesses toward tight Web of security
M2 PRESSWIRE
April 22, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 262

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... need to focus on their core business and extend their enterprise - without worries about privacy, **confidentiality** , or protecting their **data** ," he adds.
EBSS can help **clients** maintain information and transaction integrity as they enter into mature **electronic** business markets. Critical **transactions** , such as wire transfers and sensitive information relating to health care or supply chains, are...

11/3,K/50 (Item 50 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

05041616 (USE FORMAT 7 OR 9 FOR FULLTEXT)
EDS Introduces Electronic Business Security Services; New EDS Offering Moves Businesses Toward Tight Web of Security
PR NEWSWIRE
April 21, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 662

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... need to focus on their core business and extend their enterprise -- without worries about privacy, **confidentiality** , or protecting their **data** ," he adds.
EBSS can help **clients** maintain information and transaction integrity as they enter into mature **electronic** business markets. Critical **transactions** , such as wire transfers and sensitive information relating to health care or supply chains, are...

11/3,K/51 (Item 51 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04948801 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Internet security tightened

HONG KONG STANDARD
April 14, 1999
JOURNAL CODE: WHKS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 210

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... certify the identity of users by reading their digital signatures when they submit or receive **transaction** applications **electronically** .
A highly sophisticated security system, PKI will be used to authenticate the identity of **users** and to protect the **confidentiality** of the **information** , Hongkong Post Electronic Services Division manager Yinci Wong said.
When a user submits an application...

11/3,K/52 (Item 52 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04868760 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Pair deny credit card swindle
KAI PETER YU
SOUTH CHINA MORNING POST, p2
April 06, 1999
JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 133

...couple appeared in court yesterday charged with making false credit and ATM cards using account **data** obtained **secretly** from **customers** who paid **electronically** for **purchases** at their stores.
Chui Lai-chun, 32, and Kwok Man-hung, 33, were accused of...

11/3,K/53 (Item 53 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04751520 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Speed Surfer Channel Bundled With Canon Sales, a Major Distributor of IBM Aptiva & Compaq Systems
BUSINESS WIRE
March 24, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1138

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... acts as an insurance policy, using our exclusive Lock Down(TM) technology to protect the **user** 's most **confidential** and valuable **data** from such popular applications as Quicken, Quickbooks, TurboTax, home banking, **online** stock **trading** , Check Free, word processors and spreadsheets," said Don Watters, president of Kiss Software.
Modem Watch...

11/3,K/54 (Item 54 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04722647 (USE FORMAT 7 OR 9 FOR FULLTEXT)
E-commerce mart expected to top US$1bn by 2003
Asiah Bujang
BUSINESS TIMES (MALAYSIA), p18
March 23, 1999
JOURNAL CODE: FBTM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 650

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the Internet," MEPS executive chairman Mohammad Abdullah said "Cardholders will be able to make secure **Internet purchases** with peace in mind because SET uses both data encryption and digital certificates to ensure **confidentiality** , **data** integrity and authentication of all **parties** involved in the **e - commerce transaction** ," he said.

Each of the SET digital certificates issued is like a "fingerprint". When an...

11/3,K/55 (Item 55 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04645564 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Secure Internet shopping available soon
BUSINESS TIMES (MALAYSIA), p18
March 16, 1999
JOURNAL CODE: FBTM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 402

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... securely through the Internet.

"Using the SET system, cardholders will be able to make secure **Internet purchases** with peace of mind because SET uses both data encryption and digital ID's to ensure **confidentiality** , **data** integrity, and authentication of all the **parties** involved in an **e - commerce transaction** ," said Mohammad.

The nationwide launch of Malaysia's SET Payment Gateway follows the successful conclusion...

11/3,K/56 (Item 56 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04053105 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Worldtalk's WorldSecure Solutions Spurring Worldwide Adoption of S/MIME Networks for Secure Internet Mail Communications
BUSINESS WIRE
January 19, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1170

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... on WorldSecure technology. These organizations are able to establish secure e-mail links with their **trading partners** over the **Internet** to ensure **confidentiality** , exchange business **information** and establish **E - commerce** . These **trading partners** then have several options for exchanging secure e-mail with that organization, including the use...

11/3,K/57 (Item 57 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

04042144 (USE FORMAT 7 OR 9 FOR FULLTEXT)
HP Enhances VirtualVault Web Security Product; Most Widely Used, Trusted Web-server Platform Gains Java Language Support and Innovative Quality-of-service Features
BUSINESS WIRE
January 18, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 741

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... R) system and Windows NT(R) servers and IBM mainframes. Companies can now offer their **customers , partners** and employees unprecedented access to **confidential information** and transaction services while protecting their valuable information assets.
"Businesses relying on **Web** -based **transactions** now have a formidable tool for ensuring the integrity as well as the security of...

11/3,K/58 (Item 58 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

03867521 (USE FORMAT 7 OR 9 FOR FULLTEXT)
E-trading volumes gather steam: Stocks up sharply: Schwab now rivals Merrill Lynch in U.S. market value
DAVID STEINHART
FINANCIAL POST, p01
December 29, 1998
JOURNAL CODE: FFP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 506

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... week, Waterhouse Investor Services Inc., the discount brokerage subsidiary of Toronto-Dominion Bank, said its **Internet trading** volume jumped about 50% in the fourth quarter.
While some **consumers** are concerned about the **confidentiality** of **information** on the **Internet , trades** made over **Web** sites are protected by Secure Socket Layer (SSL) encryption that scrambles the data as it...

11/3,K/59 (Item 59 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

03440863 (USE FORMAT 7 OR 9 FOR FULLTEXT)
FORTNUM AND MASON: New site design & functionality
M2 PRESSWIRE
November 13, 1998
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Ordering Security
The site incorporates the highest levels of software security to ensure that ordering **information** remains **confidential** to the site **user** and Fortnum & Mason. The secure **on line ordering** pages are encrypted making it virtually impossible for a third party to view the files...

11/3,K/60 (Item 60 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

03083205 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SURVEY - RETAIL TECHNOLOGY - ON-LINE INTERNET OUTLETS BECOME A REALITY
Erica Webster
BUSINESS DAY (SOUTH AFRICA), p20
October 09, 1998
JOURNAL CODE: FBUD LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 371

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... security of credit information over the Net has largely been dispelled through the use of **electronic transactions** (SET) technology.
This technology assures users that a transaction between **merchant** and **customer** is secure in terms of **confidentiality** and integrity of **information** , authentication of the **parties** and non-repudiation of a transaction. A SET-compliant payment system ensures that both merchant...

11/3,K/61 (Item 61 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02274880 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Frost & Sullivan: Enormous Profits Await as the Search Continues for a Leader In the U.S. Encryption Application Market
PR NEWSWIRE
July 21, 1998 8:36
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 800

MOUNTAIN VIEW, Calif., July 21 /PRNewswire/ -- Go ahead; shop online, make travel reservations, send highly **confidential information** via e-mail to a **client** in Boston. As **electronic** commerce **transactions** continue to increase, so has the demand for reliable and safe products from network security...

11/3,K/62 (Item 62 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02055276 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NETWORK ASSOCIATES: Network Associates and VeriSign partner
M2 PRESSWIRE
June 23, 1998
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 791

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... certificate technologies will enable businesses to utilize their choice of certificate formats while conducting secure **Internet transactions** such as: exchanging secure e-mail, establishing virtual private networks, and authorized access to **confidential** corporate **data** .
Network Associates and VeriSign **customers** will now be able to establish combined PKI solutions covering the complete lifecycle of certificates...

11/3,K/63 (Item 63 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

01985408 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Network Associates and VeriSign Partner to Provide Interoperable Digital Certificate Solutions to Millions of Users Worldwide
PR NEWSWIRE
June 22, 1998 13:30
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 880

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... certificate technologies will enable businesses to utilize their choice of certificate formats while conducting secure **Internet transactions** such as: exchanging secure e-mail, establishing virtual

private networks, and authorized access to **confidential** corporate **data** . Network Associates and VeriSign **customers** will now be able to establish combined PKI solutions covering the complete lifecycle of certificates...

11/3,K/64 (Item 64 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

01792571
Hills to climb Internet trading barriers
ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (ADVERTISER) , p29
May 29, 1998
JOURNAL CODE: WTAD LANGUAGE: English RECORD TYPE: ABSTRACT
WORD COUNT: 93

... cautiously waiting for larger companies to take the plunge, before venturing into large-scale commercial **trading** via The **Internet** . Concerns about the **confidentiality** and security of **information** , transaction errors and **customer** computer illiteracy are presently seen as hurdles to its use. About 30% of its customers do, however, use **electronic** data interchange to **order** and pay for products - a service introduced in 1989

11/3,K/65 (Item 65 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
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01225270 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Sterling Commerce Strengthens Internet Offerings
BUSINESS WIRE
March 24, 1998 11:36
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1088

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to accessing only those files in the repository they are authorized to access. Only authorized **users** have access to highly controlled **data** .
CONNECT: **Conceal** Raises the Security Bar
Adding encryption capabilities to CONNECT:Mailbox raises the level of security, particularly for **electronic** commerce **transactions** over public **networks** . CONNECT:Conceal Encryption Server is designed to strengthen the existing security mechanisms within CONNECT:Mailbox...

11/3,K/66 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00199870 20000223054B5507 (USE FORMAT 7 FOR FULLTEXT)
(BLM.) Baltimore Technologies Enters Global Partnership Agreement with Compaq
Business Wire
Wednesday, February 23, 2000 04:45 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 593

...of digital certificates for secure
e-commerce. These certificates act like "electronic passports" to ensure **user**
authentication, **data** integrity and **confidentiality** and message non-repudiation when **transacting electronically** . PKI systems are being deployed by enterprises worldwide such as governments, banks, telcos, large corporations...

11/3,K/67 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00193033 200002140045B8527 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust's New CA Hosting Service for Secure Extranets Lets Companies Outsource Certificate Authority to Ensure Secure Internet Transactions
Business Wire
Monday, February 14, 2000 08:32 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 895

...value business relationships to the Web.
CyberTrust's certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding
transactions . Through our global **network** of partners, CyberTrust offers the
industry's most complete suite of public key infrastructure-based...

11/3,K/68 (Item 3 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00182785 200001310318B0238 (USE FORMAT 7 FOR FULLTEXT)
(BLM) Baltimore Technologies Secures Internet Trading for Australian Stock Exchange
Business Wire
Monday, January 31, 2000 09:24 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,089

...based technology
in a user-friendly environment. Digital certificates act as 'electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** and when used within a Certificate Authority (CA) infrastructure, provide the basis for trust in...

11/3,K/69 (Item 4 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00172946 200001170178B0181 (USE FORMAT 7 FOR FULLTEXT)
(BALT) HP Selects Baltimore Technologies' UniCERT for E-services Security; Strategic OEM Agreement Adds PKI Security Foundation to HP Product Line
Business Wire
Monday, January 17, 2000 11:15 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 987

...securely. It enables secure
management of digital certificates which act as `electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** .

About Baltimore Technologies

Baltimore Technologies develops and markets security products and services to enable companies...

11/3,K/70 (Item 5 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00172765 20000117017B1076 (USE FORMAT 7 FOR FULLTEXT)
NDS' AccessGear Receives Official Designation As Entrust-Ready
Business Wire
Monday, January 17, 2000 08:27 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,131

TEXT:
The Integration of AccessGear With Entrust Technologies'
e-Business Solution Will Provide **Customers** With Powerful Security
For Transmitting **Confidential Data** & Financial **Transactions**
Over Public **Networks**

NDS (Nasdaq/Easdaq:NNDS), a leading provider of smart-card based security solutions for digital...

11/3,K/71 (Item 6 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00172575 20000117017B0017 (USE FORMAT 7 FOR FULLTEXT)
(BLM.)(GTE) Baltimore Technologies to Acquire GTE's CyberTrust
Business Wire
Monday, January 17, 2000 02:18 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,162

...Method establishes a
first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/72 (Item 7 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2002 Business Wire. All rts. reserv.

00122066 19991018291B0676 (USE FORMAT 7 FOR FULLTEXT)
NetCity.com Launches First Smart Card Community On the Internet; Secure Smart Cart Network for E-mail, Web Sites, Online Shopping and Banking
Business Wire
Monday, October 18, 1999 16:37 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 424

TEXT:
...the internet's first Smart Card enabled internet community.

This new digital community will offer **consumers** enhanced personal security protection of their **confidential information** when communicating via the **internet** and making **online transactions** . By providing its members with a smart card -- a plastic card embedded with a computer...

11/3,K/73 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire

(c) 2002 PR Newswire Association Inc. All rts. reserv.

00245490 20000113ATTH002 (USE FORMAT 7 FOR FULLTEXT)
Certification Authority Platform Providers Unite with Sonera Smarttrust to Push Wireless E-Commerce And Security Based on Public Key Infrastructure
PR Newswire
Thursday, January 13, 2000 06:30 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 2,127

...Method establishes a first-in-market standard for
certificate-enabled extranets that support privilege-based **user** access, **data**
confidentiality , audit trails and digitally signed, binding **transactions** .
Through our global **network** of partners, CyberTrust offers the industry's most
complete suite of public key infrastructure-based...

11/3,K/74 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0965240 BW1009

CA SIEMENS 2: Digital Medical Systems Chooses Siemens Directory for Internet Healthcare Solutions; New Security Strategies Help Providers Share Confidential Medical Information

January 20, 1999

Byline: Business Editors

...digital
certificates used to identify authorized users within a public key
infrastructure (PKI), providing DMS **clients** with efficient, secure
access to **confidential** patient **information** over the Web.
DMS develops and manages secure **transaction networks** for sharing
medical information over low-cost public Internet access lines. The
company's solutions...

11/3,K/75 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0663570 BW1035

OPENCONNECT CONSENSUS: OpenConnect Systems to Incorporate SSL Capabilities in its SNA-to-Web Integration Products; Licensing Agreement with Consensus Development Corp. to Provide Enhanced Security Capabilities For Distributed Enterprise Applications

January 21, 1997

Byline: Business Editors & Computer Writers

...SSL provides cryptography,
peer authentication, and message authentication for distributed
applications and data, including Inter/ **Intranet transactions** .
Organizations using products that incorporate SSL are assured of the
highest level of security for corporate- and **customer - confidential data** .
"OpenConnect solutions already provide leading security
capabilities at the application, session, transport and host level...

11/3,K/76 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0619326 BW1053

ASSURENET PATHWAYS: AssureNet Pathways to Demo Web Page Authentication Technology at Interop; Web Defender Assures That Only Authorized Users Access Restricted Information

September 03, 1996

Byline: Business Editors and Computer Writers

...a plug-in.
The Web Defender is targeted at organizations with well-defined sets of **users** who need to restrict access to **confidential information** via the Internet and intranets. It is not targeted at customers who need to provide **transaction** oriented **electronic** commerce services to consumers.
"Organizations want to use Web technology while making sure important internal...

11/3,K/77 (Item 4 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0563458 BW0013

NATIONAL SEMICONDUCTOR: National Semiconductor Wins U.S. Government Contract to Supply Fortezza Crypto Cards; Cards Incorporate National's New CompactRISC Chip and iPower Technology

March 06, 1996

Byline: Business Editors/Technology Writers

...NSA)
approved algorithms and procedures to provide data integrity, access control, authentication, non-repudiation, and **confidentiality** of **user information** for **network transactions**. The Fortezza Crypto Card will also be used in other government applications currently under development...

11/3,K/78 (Item 5 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0552438 BW0092

HEWLETT PACKARD 4: HP Launches Highest-Performing, Low-cost Web Server; HP 9000 Web Server Running Netscape Commerce Server Delivers More Than Twice the Price/Performance of Sun's Netra

January 29, 1996

Byline: Business Editors/Computer Writers

...included
with the Communications Server software, Netscape Commerce Server software delivers security features that enable **customers** to share **confidential information** or conduct encrypted **electronic transactions** across the **Internet** .

Further targeting the installed base of Sun Microsystems' Netra customers, HP also offers a comprehensive...

11/3,K/79 (Item 6 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0470726 BW1121

FIRST UNION OPEN MARKET: First Union and Open Market join forces to create a virtual community on the Internet

March 15, 1995

Byline: Business Editors

...service, to connect a variety of established payment systems and networks and to code account **information** to ensure **confidentiality** .
" **Confidentiality** of **customer information** is critical to the success of electronic banking and, until now, has been the missing link for providing **on - line transactions** ," said Fred Winkler, president First Union Card Products Division. "After extensive research, we found Open...

11/3,K/80 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1464913 SFTH050A
Security Alert: eBayla-Related News

DATE: April 29, 1999 12:48 EDT WORD COUNT: 581

... 22, 1999, and widely publicized last week. The exploit gives hackers a method to gain **confidential information** from unsuspecting eBay **customers** and impersonate them online. eBay is the pioneer and leader of person-to-person **online trading** . The eBayla exploit alters an eBay auction page with JavaScript to request the user name...

11/3,K/81 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1297514 MNW003
Fourth Shift Releases WebPartner Application Three Months Ahead of Schedule

DATE: June 24, 1998 10:01 EDT WORD COUNT: 411

...conform to a company's graphic standards.

WebPartner provides several security precautions to protect the **confidentiality** of **customer data** and prevent data from being modified. In **order** to access **WebPartner** , users must have an access key. Access is denied to any individual who tries to...

11/3,K/82 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1236448 LATU041
QUALCOMM Announces Agreement With CNET to Provide Eudora Pro(R) Email Products Electronically From BUYDIRECT.COM

DATE: March 3, 1998 07:30 EST WORD COUNT: 671

... to give consumers a comprehensive selection of software designed to enhance the use of the **Internet** . Immediately following **purchase** , consumers are able to download products directly to their computers. All transactions are secure, and **customer information** is kept **confidential** .

"We are very pleased to be working with a leading software developer such as QUALCOMM...

11/3,K/83 (Item 4 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1163730 SFM104
Aventail Joins Value Chain Initiative and Ships First Supply-Chain VPN Solution

DATE: October 6, 1997 08:01 EDT WORD COUNT: 840

... VPN solutions that enable corporations to privately communicate, share applications, and exchange information with their **trading** partners over the **Internet** .

"Aventail's managed VPN is an ideal solution for companies that need to exchange mission-critical and **confidential information** with their suppliers, **customers** , or business **partners** . Aventail's comprehensive and interoperable suite of VPN services assures highly secure communication and data...

11/3,K/84 (Item 5 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1066260 SFM049
Aventail Moves Beyond Insecure Tunnels, Rolls Out the Industry's First Directed VPN

DATE: March 10, 1997 08:10 EST WORD COUNT: 1,034

... large, worldwide sales force that needs access to corporate databases, internal Web sites, or other **confidential information** located within a corporate network.

Aventail **PartnerVPN** allows companies to leverage their existing **Internet** investments instead of **purchasing** additional leased line infrastructure for private communication. With Aventail PartnerVPN, two offices have the ability...

11/3,K/85 (Item 6 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1016668 CLF027
HealthGate Selects ABVS Interactive To Audit Site

DATE: November 1, 1996 15:46 EST WORD COUNT: 616

...www.healthgate.com). This agreement includes specific terms and policies that protect the privacy and **confidentiality** of **user information** .

"As Web-based marketing and advertising explodes, new concerns emerge about who has access to what you are doing and **buying** on the **Web** , and how that

information is going to be used," according to HealthGate CEO William S...

11/3,K/86 (Item 7 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0993433 NETU040
Gradient Teams with Hewlett-Packard for Secure Electronic Commerce Solution

DATE: September 10, 1996 16:32 EDT WORD COUNT: 624

...security framework, which supports Gradient's WebCrusader products, and respectively provide Web access for authenticated **users** to mission-critical
applications and **confidential** -critical **data** in a secure infrastructure. Together, Gradient and HP provide critical solutions for secure end-to-end **transactions** for **electronic** commerce applications.

WebCrusader, together with HP's Praesidium framework, protects against electronic security breaches by...

11/3,K/87 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

2029929 47192935
INSURANCE DISCOUNTS FOR ANTITHEFT DEVICES OFTEN GO UNCLAIMED
Mohl, Bruce; Wen, Patricia
Boston Globe pB2
Dec 12, 1999
WORD COUNT: 1,497

TEXT:

...often are unclear. The best protection against problems is using a credit card when making **purchases** , assuming the **on - line retailer** gives assurances that your card **information** is kept **confidential** , said Edgar Dworsky, a **consumer** advocate and publisher of an Internet consumer site called Consumerworld.org.

Buyers who use their...

11/3,K/88 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0638552 95-95070
Stockbrokerages look to 'Net as their new marketing tool
Larsen, Kathy
Baltimore Business Journal (Baltimore, MD, US), V13 N20 s1 p18
PUBL DATE: 951006
WORD COUNT: 919
DATELINE: Baltimore, MD, US, South Atlantic

TEXT:

...point, industry sources agree that security issues put a damper on plans to use the **Internet** for **trading** or servicing client accounts.

One problem is the threat of unauthorized **users** accessing **confidential information** and breaking into **customers** ' accounts.

"We can't assure clients that everything will be totally safe," Abbaei said.

Federal...

11/3,K/89 (Item 3 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0585993 95-42004
Barnett offers banking over Prodigy
Wolcott, Steven
Business Journal-Jacksonville (Jacksonville, FL, US), V10 N23 s1 p9
PUBL DATE: 950324
WORD COUNT: 1,445
DATELINE: Jacksonville, FL, US

TEXT:

...service, to connect a variety of established payment systems and networks, and, to code account **information** to ensure **confidentiality** .

" **Confidentiality** of **customer information** is critical to the success of electronic banking and, until now, has been the missing link for providing **online transactions** ," said Fred Winkler, president of First Union Card Products Division.

The alliance with Open Market...

11/3,K/90 (Item 4 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

0580900 95-36828
First Union and Open Market join forces to create a virtual community on the Internet
Sheridan, Marianna M
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 950315
WORD COUNT: 673
DATELINE: Cambridge, MA, US

TEXT:

...service, to connect a variety of established payment systems and networks and to code account **information** to ensure **confidentiality** .

" **Confidentiality** of **customer information** is critical to the success of electronic banking and, until now, has been the missing link for providing **on - line transactions** ," said Fred Winkler, president First Union Card Products Division. "After extensive research, we found Open...

```
Set     Items   Description
S1       4023   AU=(BROWN M? OR BROWN, M? OR DUTTA R? OR DUTTA, R?)
S2   13065499   ONLINE OR ON()LINE OR INTERNET OR INTRANET OR EXTRANET OR -
             WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW -
             OR CYBER OR LAN OR WAN OR SERVER? OR ELECTRONIC? OR E()COMMER-
             CE OR ECOMMERCE
S3    1344591   S2(4N)(TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS?
              OR BUYING OR SELLING)
S4   15613310   INFORMATION OR DATA OR INFO
S5      82954   S4(3N)(CONFIDENTIAL? OR SECRET? OR SECRECY OR CONCEAL? OR -
             HIDDEN OR HIDE? ? OR HID OR "NOT"()(REVEAL? OR DISCLOS?))
S6    8798070   PROFILE? OR IDENTIF? OR CODE? ? OR ID OR NUMBER?
S7      11240   S5(5N)(AGENT? OR TRADER? OR USER? OR BUYER? OR SELLER? OR -
             PARTIES OR PARTY OR PARTICIPANT? OR BIDDER? OR PARTNER? OR CO-
             NSUMER? OR CUSTOMER? OR CLIENT? OR MERCHANT? OR DEALER? OR RE-
             TAILER?)
S8        250   S3(15N)S7
S9        222   S8 NOT PY>2000
S10       160   S9 NOT PD=20000327:20021101
S11        83   RD (unique items)
?show files
File   9:Business & Industry(R) Jul/1994-2002/Nov 05
         (c) 2002 Resp. DB Svcs.
File  15:ABI/Inform(R) 1971-2002/Nov 06
         (c) 2002 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2002/Nov 06
         (c) 2002 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2002/Nov 06
         (c)2002 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2002/Nov 06
         (c) 2002 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Nov 05
         (c) 2002 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2002/Nov 06
         (c) 2002 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2002/Nov 05
         (c) 2002 The Gale group
File 570:Gale Group MARS(R) 1984-2002/Nov 06
         (c) 2002 The Gale Group
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11/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02725110 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Compaq To Deliver Baltimore Security Solutions
(Baltimore Technologies (BT) licensed Compaq Computer to promote and sell BT's e-security software)
Newsbytes News Network, p N/A
February 28, 2000
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 122

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** , and message non-repudiation when **transacting electronically** .

Baltimore Technologies markets and sells its solutions worldwide directly and through the TrustedWorld channel program...

11/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02422146 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Internet Security Service Developed
(The American Institute of Certified Public Accountants and the Canadian Institute of Chartered Accountants, have developed the CPA WebTrust, an online safety and security service for investors)
Mutual Fund Market News, p N/A
April 05, 1999
DOCUMENT TYPE: Newsletter (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 340

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...a program with which an accounting firm can audit a website for the safety of **online transactions** and safeguards of **confidential consumer information** . The accountants' groups license **users** of the program.

Those who pay for the audit and are awarded a certification seal...

11/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

02415341 (USE FORMAT 7 OR 9 FOR FULLTEXT)
E-commerce mart expected to top US$1bn by 2003
(Malaysia's e-commerce market forecast to reach over USDlr1 bil by 2003; Secure Electronic Transaction system launched in Kuala Lumpur)
Business Times (Malaysia), p n/a
March 23, 1999
DOCUMENT TYPE: Journal (Malaysia)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 659

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...the Internet," MEPS executive chairman Mohammad Abdullah said

"Cardholders will be able to make secure **Internet purchases** with peace in mind because SET uses both data encryption and digital certificates to ensure **confidentiality , data** integrity and authentication of all **parties** involved in the **e - commerce transaction ,"** he said.

Each of the SET digital certificates issued is like a "fingerprint". When an...

11/3,K/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01791653 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BEYOND THE CREDIT LIMIT
(Internet credit card shopping faces a major obstacle in consumers' security fears; firms' efforts to address this concern are discussed)
Computer Business Review, v 5, n 4, p N/A
April 01, 1997
DOCUMENT TYPE: Journal ISSN: 0161-7389 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2675

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:
Credit card users remain wary of **Internet** -conducted **transactions** , and the measures that some **merchants** are taking to keep this **data confidential** are discussed. According to a recent report from Global Concepts Payment Systems Consulting, credit card...

TEXT:
...are happy to give their credit card details over the phone, but remain wary of **Internet** -conducted **transactions** . Jessica Twentyman looks at the measures that some **merchants** are taking to keep this **data confidential** .

In January 1997, IBM's Nordic director, Carl Chrisian Aegidius, purchased a copy of Rose...

11/3,K/5 (Item 5 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

01214451 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SAFER THAN YOU THINK
(Security solutions on the Internet falls into one of two categories: firewalls and secure routers, and encryption software and protocols)
CommunicationsWeek, n 561, p 57+
June 12, 1995
DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2663

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...the partnership is to bring the bank holding company one step closer to doing financial **transactions on - line** , says Fred Winkler, president of First Union's card products division.

" **Confidentiality** of **customer information** is critical to the success of electronic banking and, until now, has been the missing...

11/3,K/6 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01991086 46463892
PKI security in the new extranet marketplace
Hussey, Peter J
Computer Technology Review v19n10 PP: 14-16 Oct 1999
ISSN: 0278-9647 JRNL CODE: GBAMN
WORD COUNT: 1223

...TEXT: in the most timely, costeffective manner.

* Preserve the integrity of physical-world processes and bind **transactions online** with signing capabilities and audit trails.

* Manage security risks through **data confidentiality** and integrity.

* Identify online **partners** and customers irrefutably.

* Increase satisfaction among clients and trading partners by providing enriched usability and...

11/3,K/7 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01953781 46571517
Offerings in the offing: Egads! e-purchasing
Willoughby, Jack; Alpert, Bill
Barron's v79n47 PP: 44 Nov 22, 1999
ISSN: 1077-8039 JRNL CODE: BAR

...ABSTRACT: spoil all that. The Pittsburgh-based firm, in registration for a $54m IPO, is pushing **e - commerce** technology into the **purchase** of custom-made parts and raw materials. FreeMarkets operates Websites that allow **clients** to exchange detailed, **confidential information** with prospective suppliers. Separately, Alaska Communications sold 10 million shares into the market Friday at...

11/3,K/8 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01890859 05-41851
The new "extranet" marketplace
Hussey, Peter J
Communications News v36n9 PP: 54-55 Sep 1999
ISSN: 0010-3632 JRNL CODE: CNE
WORD COUNT: 1095

...TEXT: clients. Ruesch benefited by providing its customers with a competitive advantage: they can now conduct **transactions on line** in real-time. Ruesch customers are now afforded privilege-based **user** access. **data confidentiality** . audit trails. and digitally signed binding transactions.

SECURE EXTRANETS DELIVER

Today companies like Ruesch International...

11/3,K/9 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01887099 05-38091
Regulating Internet insurance
Reeve, Brian
Canadian Underwriter v66n8 PP: 28-30 Aug 1999
ISSN: 0008-5251 JRNL CODE: CAU
WORD COUNT: 1444

...TEXT: insurance companies attempting to do business on the Internet. Consumer Issues The use of the **Internet** for insurance **transactions** also poses a number of consumer issues that may result in regulatory problems. Privacy and **confidentiality** of **information** are likely the most important **consumer** issues. Consumer information that is transmitted over the Internet may be subject to interception by...

11/3,K/10 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01871450 05-22442
Is your Web site a hacker's delight?
Gips, Michael A
Security Management v43n8 PP: 64-69 Aug 1999
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 3339

...TEXT: out many of the Web page's features.

Another concern is the ability to protect **confidential information - e - commerce transactions , customer data** , and company **secrets** -that are in transit, stored on the Web server, or on a database that might...

11/3,K/11 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01865742 05-16734
Six principles for successful business change management
Hall, Jeff
Management Services v43n4 PP: 16-18 Apr 1999
ISSN: 0307-6768 JRNL CODE: MNS
WORD COUNT: 2525

...TEXT: any risk it could place on the business operation. For example, if the change involved **electronic trading** , there could be a risk to **confidentiality** of **customer data** if the network was not secure enough. Although project and operational risk should be tackled...

11/3,K/12 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01679643 03-30633
Connect now with electronic commerce
Large, Jack
Corporate Finance n164 PP: 19-23 Jul 1998
ISSN: 0958-2053 JRNL CODE: COF
WORD COUNT: 2099

...TEXT: March 1997 has focused on setting up open standards for payment card security on the **Internet** - known as Secure **Electronic Transaction** (SET) standards. The main objectives have been to:

Provide authentication of cardholders, **merchants** and acquirers.

Provide **confidentiality** of payment **data** .

Preserve the integrity of payment data.

Define the algorithms and protocols necessary for these security...

11/3,K/13 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01623591 02-74580
A survey of selected federal regulatory and legal developments in electronic financial services
Vartanian, Thomas P; Ledig, Robert H; Conover, Alison C
Business Lawyer v53n1 PP: 251-305 Nov 1997
ISSN: 0007-6899 JRNL CODE: BLW
WORD COUNT: 22168

...TEXT: has raised important questions that touch upon the delicate balance between security, government regulation, and **confidentiality** of **customer information** , including:

[(i)] What information is generated about users of **electronic** money products and their **transactions** ?

[(ii)] Who collects, and has access to, that information and what is done with it...

11/3,K/14 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01581984 02-32973
Connection to risk? Managing the exposures of cyberspace
Jorgensen, Lori
Risk Management v45n2 PP: 14-19 Feb 1998
ISSN: 0035-5593 JRNL CODE: RMT
WORD COUNT: 1850

...TEXT: cause an organization to incur vicarious and/or contributory liability.

If an organization conducts commercial **transactions online** , it must address the potential breach of **confidential user data** , including credit card information. Furthermore, an organization accepting credit card **transactions** over the **Internet** is more susceptible to fraud due to the remoteness of the buyer from the seller...

11/3,K/15 (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00694072 93-43293
Electronic data interchange agreements: Private contracting toward a global environment
Boss, Amelia H
Northwestern Journal of International Law & Business v13n1 PP: 31-70 Spring/Summer 1992
ISSN: 0196-3228 JRNL CODE: NJI
WORD COUNT: 18728

...TEXT: SITA) and the European Academic Research Network (EARN).

7. CONFIDENTIALITY

In paper-based transactions the **parties** are seldom concerned with the **confidentiality** of the **information** (such as **purchase orders**) exchanged. In an **electronic** environment, where the same information is being exchanged, the only difference is the medium of...

11/3,K/16 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2002 ProQuest Info&Learning. All rts. reserv.

00621997 92-37099
Client-Server Computing
Sinha, Alok
Communications of the ACM v35n7 PP: 77-98 Jul 1992
ISSN: 0001-0782 JRNL CODE: ACM
WORD COUNT: 11708

...TEXT: customer service representatives to check account balances, open new accounts, perform overseas transactions, or access **customer information** . The **user** interface **hides** the **network** and SQL-based **transactions** between workstations and the SQL Server. All error-checking, customer validation, and financial data integrity...

11/3,K/17 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

07252944 Supplier Number: 59648544 (USE FORMAT 7 FOR FULLTEXT)
Seeking the Perfect Host.(e-commerce strategy)
BAGISH, STEPHEN
Los Angeles Business Journal, v22, n7, p43
Feb 14, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1352

... is to make sure your host provides "SSL" -- A secure socket layer. This allows the **seller** to "encrypt" **confidential information** during transmission of funds. Providing 100% secure transaction processing is a prerequisite to **selling** anything over the **web** . Your customers need to have total confidence their financial information will not be stolen.
Your...

11/3,K/18 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

07078568 Supplier Number: 59648422 (USE FORMAT 7 FOR FULLTEXT)
Compaq To Deliver Baltimore Security Solutions 02/28/00.(Baltimore Technologies)(Company Business and Marketing)(Brief Article)
Newsbytes, pNA
Feb 28, 2000
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Newswire; Trade
Word Count: 127

... of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** , and message non-repudiation when **transacting electronically** .
Baltimore Technologies markets and sells its solutions worldwide directly and through the TrustedWorld channel program...

11/3,K/19 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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07072434 Supplier Number: 59610671 (USE FORMAT 7 FOR FULLTEXT)
Baltimore Technologies Enters Global Partnership Agreement with Compaq.
Business Wire, p0011
Feb 23, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 577

... of digital certificates for secure e-commerce. These certificates act like "electronic passports" to ensure **user** authentication, **data** integrity and **confidentiality** and message non-repudiation when **transacting electronically** . PKI systems are being deployed by enterprises worldwide such as governments, banks, telcos, large corporations...

11/3,K/20 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06980600 Supplier Number: 59082699 (USE FORMAT 7 FOR FULLTEXT)
Baltimore Technologies Secures Internet Trading for Australian Stock Exchange.
Business Wire, p0238
Jan 31, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1013

... based technology in a user-friendly environment. Digital certificates act as 'electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** and when used within a Certificate Authority (CA) infrastructure, provide the basis for trust in...

11/3,K/21 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06972168 Supplier Number: 58306945 (USE FORMAT 7 FOR FULLTEXT)
Buyers seek simplified Web answers.
Milligan, Brian
Purchasing, pS39
Dec 16, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3629

... for example, offers state-of-the-art industry inscription, data fire walls and otherwise strict **confidentiality** of any **data** transactions on the part of **buyers** and sellers. Grainger.com is home to a one-stop **Internet** catalog for the **purchase** of MRO supplies. Customers can order from more than 210,000 MRO products, confirm account...

11/3,K/22 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06940735 Supplier Number: 58612639 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Introduces The First Secure Mobile E-Commerce Solution For High-Value Transactions Over Wireless Extranets.
Business Wire, p1248
Jan 18, 2000

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1015

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/23 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06940734 Supplier Number: 58612637 (USE FORMAT 7 FOR FULLTEXT)
Adobe Chooses CyberTrust to Enable Secure Sale and Delivery of eBooks and Other Documents on the Web.
Business Wire, p1245
Jan 18, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 400

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/24 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06940041 Supplier Number: 58610789 (USE FORMAT 7 FOR FULLTEXT)
HP Selects Baltimore Technologies' UniCERT for E-services Security; Strategic OEM Agreement Adds PKI Security Foundation to HP Product Line.
Business Wire, p0181
Jan 17, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 933

... securely. It enables secure management of digital certificates which act as `electronic passports' to ensure **user** authentication, **data** integrity, **confidentiality** and message non-repudiation when **transacting electronically** .
About Baltimore Technologies
Baltimore Technologies develops and markets security products and services to enable companies...

11/3,K/25 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06939699 Supplier Number: 58610380 (USE FORMAT 7 FOR FULLTEXT)
NDS' AccessGear Receives Official Designation As Entrust-Ready.
Business Wire, p1076
Jan 17, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1096

... Jan. 17, 2000
The Integration of AccessGear With Entrust Technologies' e-Business Solution Will Provide **Customers** With Powerful Security

For Transmitting **Confidential Data** & Financial **Transactions** Over Public **Networks**
NDS (Nasdaq/Easdaq:NNDS), a leading provider of smart-card based security solutions for digital...

11/3,K/26 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06939387 Supplier Number: 58609997 (USE FORMAT 7 FOR FULLTEXT)
Baltimore Technologies to Acquire GTE's CyberTrust.
Business Wire, p0016
Jan 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1094

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/27 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06934525 Supplier Number: 58551545 (USE FORMAT 7 FOR FULLTEXT)
Certification Authority Platform Providers Unite With Sonera SmartTrust To Push Wireless e-Commerce and Security Based on Public Key Infrastructure.
PR Newswire, p0678
Jan 13, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2111

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/28 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06931424 Supplier Number: 58552619
Keep dollars, data safe on Net.
Rios, Brenda
Detroit News (MI, 1995), p10B(2)
Nov 27, 1999
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...not give uneeded personal and financial information. Shoppers should completely understand the details of their **purchases** and the **online** seller's policies on refunds, shipping and **confidentiality** of **customer information** .

11/3,K/29 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06913719 Supplier Number: 58475678 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Achieves Major Milestone- Licenses Over 10 Million Digital Certificates.
Business Wire, p1136
Jan 7, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 465

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/30 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06905186 Supplier Number: 58430991 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Honored with the Frost & Sullivan 1999 Market Engineering Turnaround Strategy Award.
Business Wire, p1162
Jan 5, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 450

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through their global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/31 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06842617 Supplier Number: 57902161 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Named Among Fastest-Growing Developers of E-Business Solutions.
Business Wire, p1267
Nov 30, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 672

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/32 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06716692 Supplier Number: 56216310 (USE FORMAT 7 FOR FULLTEXT)
Cybertrust and Newest Encryption Partner Aladdin Combine Leading-Edge Technologies; Aladdin's eToken Now Supports Cybertrust's PKI-enabled Secure Extranets.
Business Wire, p1463
Oct 12, 1999
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 476

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through our global **network** of partners, Cybertrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/33 (Item 17 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06688707 Supplier Number: 55968848 (USE FORMAT 7 FOR FULLTEXT)
Altiga Networks Increases Digital Certificate Support, Joins The Cybertrust Developer Program.
PR Newswire, p8261
Oct 4, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 530

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our **network** of global partners, CyberTrust offers the industry's most complete suite of public key infrastructure...

11/3,K/34 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06488925 Supplier Number: 55160080 (USE FORMAT 7 FOR FULLTEXT)
Pilot Network Services, Inc. Provides E-Business Security for Simpata, Inc.
PR Newswire, p1967
July 15, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 671

... benefits administration, human resources management and employee communications. Security is crucial because of the highly **confidential** nature of the **information** that Simpata handles for its **customers** . The Pilot Security Utility ensures maximum protection for all of Simpata's **on - line** business **transactions** .
"Having the backing of Pilot is crucial to both our customers' and Simpata's comfort...

11/3,K/35 (Item 19 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06408468 Supplier Number: 54866698 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Introduces CyberTrust Secure Extranets.
Business Wire, p1164
June 14, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1092

... hosting technology enables Ruesch International to conduct high volumes of business-to-business international payment **transactions** on our RueschLINK **extranet** , while assuring our **clients** that this highly sensitive **information** remains **confidential** and secure," said Ronald Szoc, senior vice president for Technology at Ruesch International.

"CyberTrust's...

11/3,K/36 (Item 20 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06405350 Supplier Number: 54856658
SINGAPORE: PACNET PROMISES ONLINE PRIVACY.
Straits Times, p44
June 11, 1999
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...has promised its subscribers that it will not intentionally examine or tamper with their private **Internet** communications and **transactions** or disclose **confidential customer information** unless it has the approval of the subscriber or if it is required by law...

11/3,K/37 (Item 21 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06390396 Supplier Number: 54806406 (USE FORMAT 7 FOR FULLTEXT)
BSI, Inc. Announces New BS 7799 Standard for Information Security Management.
Business Wire, p1297
June 7, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 561

... the growing demands of the Internet and Virtual Private Networks (VPNs). Whether a company stores **confidential customer information** , makes **electronic** financial **transactions** , or stores a database of proprietary information, information security is essential.
Of equal importance is...

11/3,K/38 (Item 22 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06312206 Supplier Number: 54535971 (USE FORMAT 7 FOR FULLTEXT)
Security Alert: eBayla-Related News.
PR Newswire, p9202
May 3, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 546

... 22, 1999, and widely publicized last week. The exploit gives hackers a method to gain **confidential information** from unsuspecting eBay **customers** and impersonate them online. eBay is the pioneer and leader of person-to-person **online trading** . The eBayla exploit alters an eBay auction page with JavaScript to request the user name...

11/3,K/39 (Item 23 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06284326 Supplier Number: 54431689 (USE FORMAT 7 FOR FULLTEXT)
EDS Introduces Electronic Business Security Services; New EDS Offering Moves Businesses Toward Tight Web of Security.
PR Newswire, p9602

April 21, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 618

... need to focus on their core business and extend their enterprise -- without worries about privacy, **confidentiality** , or protecting their **data** ," he adds.
EBSS can help **clients** maintain information and transaction integrity as they enter into mature **electronic** business markets. Critical **transactions** , such as wire transfers and sensitive information relating to health care or supply chains, are...

11/3,K/40 (Item 24 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06216659 Supplier Number: 54197308 (USE FORMAT 7 FOR FULLTEXT)
Speed Surfer Channel Bundled With Canon Sales, a Major Distributor of IBM Aptiva & Compaq Systems.
Business Wire, p0201
March 24, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1100

... acts as an insurance policy, using our exclusive Lock Down(TM) technology to protect the **user** 's most **confidential** and valuable **data** from such popular applications as Quicken, Quickbooks, TurboTax, home banking, **online** stock **trading** , Check Free, word processors and spreadsheets," said Don Watters, president of Kiss Software.
Modem Watch...

11/3,K/41 (Item 25 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06083658 Supplier Number: 53599765 (USE FORMAT 7 FOR FULLTEXT)
Digital Medical Systems Chooses Siemens Directory for Internet Healthcare Solutions; New Security Strategies Help Providers Share Confidential Medical Information.
Business Wire, p1009
Jan 20, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 723

... digital certificates used to identify authorized users within a public key infrastructure (PKI), providing DMS **clients** with efficient, secure access to **confidential** patient **information** over the Web.
DMS develops and manages secure **transaction networks** for sharing medical information over low-cost public Internet access lines. The company's solutions...

11/3,K/42 (Item 26 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

06080335 Supplier Number: 53585264 (USE FORMAT 7 FOR FULLTEXT)
HP Enhances VirtualVault Web Security Product; Most Widely Used, Trusted Web-server Platform Gains Java Language Support and Innovative Quality-of-service Features.
Business Wire, p0094
Jan 18, 1999
Language: English Record Type: Fulltext

Document Type: Newswire; Trade
Word Count: 717

... system and Windows NT(R) servers and IBM mainframes. Companies can now offer their customers, **partners** and employees unprecedented access to **confidential information** and transaction services while protecting their valuable information assets.
"Businesses relying on **Web** -based **transactions** now have a formidable tool for ensuring the integrity as well as the security of...

11/3,K/43 (Item 27 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05957789 Supplier Number: 53226722 (USE FORMAT 7 FOR FULLTEXT)
Disney.com & ESPN.com Stores Primed for Holiday Season With Ambitious Offering of Goods and Services.
Business Wire, p0054
Nov 17, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1037

... policies ensuring that all transactions and any consumer information gathered are totally secure and safe. **Customer information** is **confidential** and fully encrypted throughout the **ordering** process.
The State of **E - commerce** -- Holiday 1998 & Beyond
This year's holiday online shopping season is expected to be bigger ...

11/3,K/44 (Item 28 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05944174 Supplier Number: 53199682 (USE FORMAT 7 FOR FULLTEXT)
CSI Introduces BDE2, the Most Reliable Solution to Perform EDI Over the Internet and Integrate Auditable Internet Document Exchange Into Enterprise Applications.
Business Wire, p1521
Nov 10, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 332

... BDE is the most advanced, yet flexible solution for fast and reliable deployment of such **Internet** applications as **client** invoicing, **purchasing , confidential data** collection and exchange of legally binding documents" said Maurizio Balestrieri, CSI President.
BDE easily integrates...

11/3,K/45 (Item 29 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05940778 Supplier Number: 53192180 (USE FORMAT 7 FOR FULLTEXT)
Confidentiality guidelines set.(Industry Trend or Event)
Jorgensen, Barbara
Electronic Buyers' News, p36(1)
Nov 9, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 650

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

Looking to branch out beyond point-of-sale issues, three leading **electronics** distribution industry **trade** associations have drafted a proposal addressing the treatment of **confidential information** among supply-chain **partners** .

11/3,K/46 (Item 30 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05893547 Supplier Number: 53092654 (USE FORMAT 7 FOR FULLTEXT)
MobiNetix Expands Its E-Transaction Enterprise Software Offering With "Hide & Seek".
Business Wire, p1142
Oct 19, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 693

... of paperless transactions for point-of-sale (POS) environments.
Providing secure, real-time access to **customer transaction information , Hide** & Seek puts **electronically** stored information at retail employees' fingertips.
Hide & Seek allows retail employees to generate reports and...

11/3,K/47 (Item 31 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05500294 Supplier Number: 48334584 (USE FORMAT 7 FOR FULLTEXT)
QUALCOMM Announces Agreement With CNET to Provide Eudora Pro(R) Email Products Electronically From BUYDIRECT.COM
PR Newswire, p0303LATU041
March 3, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 721

... to give consumers a comprehensive selection of software designed to enhance the use of the **Internet** . Immediately following **purchase** , consumers are able to download products directly to their computers. All transactions are secure, and **customer information** is kept **confidential** .
"We are very pleased to be working with a leading software developer such as QUALCOMM...

11/3,K/48 (Item 32 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04276032 Supplier Number: 46263879
National Wins Government Contract for Crypto Cards
Semiconductor International, p27
April, 1996
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...Science and Technology and National Security Agency to provide data integrity, access control, authentication and **confidentiality** of **user information** for **network transactions** .

11/3,K/49 (Item 33 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04238035 Supplier Number: 46204130 (USE FORMAT 7 FOR FULLTEXT)
National Semiconductor Wins U.S. Government Contract to Supply Fortezza Crypto Cards; Cards Incorporate National's New CompactRISC Chip and iPower Technology.
Business Wire, p3060013
March 6, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 411

... NSA) approved algorithms and procedures to provide data integrity, access control, authentication, non-repudiation, and **confidentiality** of **user information** for **network transactions** . The Fortezza Crypto Card will also be used in other government applications currently under development...

11/3,K/50 (Item 34 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04174060 Supplier Number: 46097223 (USE FORMAT 7 FOR FULLTEXT)
HP Launches Highest-Performing, Low-cost Web Server; HP 9000 Web Server Running Netscape Commerce Server Delivers More Than Twice the Price/Performance of Sun's Netra.
Business Wire, p01290092
Jan 29, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1316

... included with the Communications Server software, Netscape Commerce Server software delivers security features that enable **customers** to share **confidential information** or conduct encrypted **electronic transactions** across the **Internet** .
Further targeting the installed base of Sun Microsystems' Netra customers, HP also offers a comprehensive...

11/3,K/51 (Item 35 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04154748 Supplier Number: 46066160 (USE FORMAT 7 FOR FULLTEXT)
Web-based E-mail links remote users
PC Week, p070
Jan 15, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 980

... on nonsecure Web servers, users who log in over a Web browser will be exposing **confidential information** because **user** passwords transmitted over the Internet are susceptible to interception.
Infinite has not yet implemented secure **transactions** in its **WebMail server** . However, WebMail does permit managers to impose a firewall and allow only certain IP addresses...

11/3,K/52 (Item 36 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03803296 Supplier Number: 45422020
First Union to offer electronic banking through the Internet
Jacksonville Business Journal, p9
March 24, 1995

Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...other services. The program, which should start by 1996, will link merchants and customers for **online transactions** . Fred Wrinkler, First Union Cards Product Division president, said **customer information** should remain **confidential** to guarantee success of elecronic banking.
...

11/3,K/53 (Item 37 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03090903 Supplier Number: 44211486 (USE FORMAT 7 FOR FULLTEXT)
HUTCHISON CLOSES UK TELEPOINT NETWORK
Exchange, v5, n44, pN/A
Nov 2, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 282

... other cellular services, adding to the cost of the closure. Hutchison also said it was **selling** its UK mobile **data network** , but did **not reveal** the **buyer** .
However, Hutchison will proceed with its plans to launch a new personal communications service next...

11/3,K/54 (Item 38 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02410680 Supplier Number: 43172268
Russia: SITEK telecommunication network is one of the fastest growing networks in the Russian Federation.
Delovoi Mir, p11
July 24, 1992
Language: Russian; NONENGLISH Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...received from leading exchanges, remote databases access, BBS, electronic publications and protection of sensitive and **confidential information** from unauthorized access. **Users** of the SITEK **network** can **purchase** developed at the MASTAK firm ISM-1200 or ISM-1200M modems adapted to Soviet telephone...

11/3,K/55 (Item 39 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

01386661 Supplier Number: 41649393
Computer Network Security: F. END-USER ANALYSIS
Research Studies-MIRC, pII-10
Nov, 1990
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...pharmaceutical and chemical, geophysical, medical, legal--any organization with a large mainframe computer, or that **networks information** or has **trade secrets** is a potential **user** of computer security products.
The price of the 276 page study is $1495. ...

11/3,K/56 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

11918027 SUPPLIER NUMBER: 60833853 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Guidelines for AMA Web Sites.(American Medical Association)
JAMA, The Journal of the American Medical Association, 283, 12, 1602
March 22, 2000
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4552 LINE COUNT: 00373

...ABSTRACT: creating useful links and navigation aids, finding appropriate sponsors and displaying ads, and ensuring the **confidentiality** of any **information** provided by **users** , including financial information supplied during an **e - commerce transaction** .

11/3,K/57 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08608302 SUPPLIER NUMBER: 18203370 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Remote possibilities: gateways let remote users exchange mail via Web browsers. (Elonex Software Solutions' HT Mail 1.3, Infinite Technologies' WebMail 1.02, and Lotus's cc:Mail for the Web) (includes a related article on the test methodology)(PC Week Netweek) (Software Review)(Evaluation)
Kramer, Matt
PC Week, v13, n15, pN1(3)
April 15, 1996
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2163 LINE COUNT: 00185

... in conjunction with a secure Web server that uses encryption to keep the log-in **information** and message traffic **hidden** from unauthorized **users** .
Infinite Technologies is exploring the implementation of secure **transactions** in its WebMail **server** . WebMail permits managers to impose a firewall and allow only certain IP addresses to connect...

11/3,K/58 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08392909 SUPPLIER NUMBER: 17800295 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Web-based E-mail links remote users. (Infinite Technologies' WebMail and Lotus' cc:Mail E-mail services for the Web) (Software Review)(Evaluation)
Kramer, Matt
PC Week, v13, n2, p70(1)
Jan 15, 1996
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1036 LINE COUNT: 00084

... on nonsecure Web servers, users who log in over a Web browser will be exposing **confidential information** because **user** passwords transmitted over the Internet are susceptible to interception.
Infinite has not yet implemented secure **transactions** in its WebMail **server** . However, WebMail does permit managers to impose a firewall and allow only certain IP addresses...

11/3,K/59 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08011438 SUPPLIER NUMBER: 17150716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Safer than you think. (commerce on the Internet) (includes related article on Internet security terminology)
Baron, Talila
CommunicationsWeek, n561, p57(3)
June 12, 1995
ISSN: 0746-8121 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3129 LINE COUNT: 00253

... the partnership is to bring the bank holding company one step closer to doing financial **transactions on - line** , says Fred Winkler, president of First Union's card products division.
" **Confidentiality** of **customer information** is critical to the success of electronic banking and, until now, has been the missing...

11/3,K/60 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07797957 SUPPLIER NUMBER: 16791032 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LEXIS-NEXIS AND OPEN MARKET INTRODUCE SMALL BUSINESS ADVISOR (TM) SERVICE ON THE INTERNET; Internet Users Can Now Browse and Purchase Articles.
Business Wire, p4101098
April 10, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 820 LINE COUNT: 00072

... Market's ICE includes facilities to connect with a variety of established payment systems and **networks** for safe credit card **purchases** , encryption of **customer** account **information** to ensure **confidentiality** and **customer** profiling to enable high-quality customer service. Also, users can review purchased history and gain...

11/3,K/61 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

06413429 SUPPLIER NUMBER: 13453005 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The reviewer's stand; a field guide for agencies and independents. (Media Strategy)
Katz, Hal
Inside Media, p38(1)
Feb 3, 1993
ISSN: 1046-5316 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1285 LINE COUNT: 00097

... how detailed these surveys should be; most of the criticism has revolved around what some **participants** feel is **confidential information** . Specific **information** such as historical costs and strategies for **buying** , especially in the **network** upfront market, have been singled out for comment. I understand the concern but believe that...

11/3,K/62 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06180777 SUPPLIER NUMBER: 12985561 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Building bridges to greater competitiveness. (part 3) (America on the Move: Special Industry Report)
Auguston, Karen
Modern Materials Handling, v47, n13, p68(5)
Nov, 1992
ISSN: 0026-8038 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2456 LINE COUNT: 00197

... companies are linking up electronically with information technologies like EDI (electronic data interchange). Under EDI, **partner** companies exchange normally **confidential information** by performing standard business **transactions** over a computer **network** . The result is a paperless system that saves costs through such benefits as higher accuracy ...

11/3,K/63 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02167894 SUPPLIER NUMBER: 20347956 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Build MTS components with Visual Basic for deployment in your ASP-based apps. (Microsoft Transaction Server) (Technology Tutorial)(Tutorial)
Pattison, Ted
Microsoft Systems Journal, v13, n4, p19(9)
April, 1998
DOCUMENT TYPE: Tutorial ISSN: 0889-9932 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 6792 LINE COUNT: 00615

... will be helpful to download the full source code and setup instructions from the MSJ **Web** site.
Before users can **order** a product, you must supply them with a list of available products. To **hide** the **data** access logic from the ASP **client** , the Visual Basic DLL might define a class CProducts that exposes the following method:

' CProducts...

11/3,K/64 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2002 The Gale Group. All rts. reserv.

01666801 Supplier Number: 50112974 (USE FORMAT 7 FOR FULLTEXT)
Fourth Shift Releases WebPartner Application Three Months Ahead of Schedule
PR Newswire, p624MNW003
June 24, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 443

... conform to a company's graphic standards.
WebPartner provides several security precautions to protect the **confidentiality** of **customer data** and prevent data from being modified. In **order** to access **WebPartner** , users must have an access key. Access is denied to any individual who tries to...

11/3,K/65 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04604418 Supplier Number: 60474841 (USE FORMAT 7 FOR FULLTEXT)
De La Rue to acquire UK digital certification authority - InterClear; Provision of Public Key Infrastructure (PKI) electronic security services will allow customers access to a secure, authenticated infrastructure for e-business.
M2 Presswire, pNA
March 21, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 604

... the business enables the secure management of digital certificates, which act like `electronic passports` ensuring **user** authentication, **data** integrity and **confidentiality** and message non-repudiation in **electronic transactions** . PKI services are

11/3,K/66 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04576690 Supplier Number: 59575610 (USE FORMAT 7 FOR FULLTEXT)
CyberTrust Japan receives award from the new business conference; Japan`s leading security provider recognized for market potential and rapid growth.
M2 Presswire, pNA
Feb 23, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 505

... value business relationships to the Web.
CyberTrust`s certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/67 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04559501 Supplier Number: 59420659 (USE FORMAT 7 FOR FULLTEXT)
New CyberTrust CA Hosting for Secure Extranets lets companies outsource certificate authority to ensure secure Internet transactions; Service reduces cost and speeds time to market for customers.
M2 Presswire, pNA
Feb 14, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 954

... value business relationships to the Web.
CyberTrust`s certificate-enabled extranet solutions support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry`s most complete suite of public key infrastructure-based...

11/3,K/68 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04531310 Supplier Number: 58584772 (USE FORMAT 7 FOR FULLTEXT)
Certification Authority platform providers unite with Sonera SmartTrust.
M2 Presswire, pNA
Jan 13, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2153

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/69 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04510076 Supplier Number: 57840552 (USE FORMAT 7 FOR FULLTEXT)
CYBERTRUST: CyberTrust named among fastest-growing de developers of e-business solutions.
M2 Presswire, pNA
Nov 30, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 747

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/70 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04437597 Supplier Number: 55843960 (USE FORMAT 7 FOR FULLTEXT)
CYBERTRUST: CyberTrust receives US government ap approval to export its security solutions.
M2 Presswire, pNA
Sept 23, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 723

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails and digitally signed, binding **transactions** . Through our global **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/71 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04422490 Supplier Number: 55678973 (USE FORMAT 7 FOR FULLTEXT)
C O R R E C T I O N:CYBERTRUST: CyberTrust to pr provide electronic credentials to Portuguese...
M2 Presswire, pNA
Sept 3, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 823

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through CyberTrust's **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/72 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04419219 Supplier Number: 55634791 (USE FORMAT 7 FOR FULLTEXT)
CYBERTRUST: CyberTrust to provide electronic cr credentials to Portuguese

citizens through CA program.
M2 Presswire, pNA
Sept 1, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 706

... Method establishes a first-in-market standard for certificate-enabled extranets that support privilege-based **user** access, **data confidentiality** , audit trails, and digitally signed, binding **transactions** . Through CyberTrust's **network** of partners, CyberTrust offers the industry's most complete suite of public key infrastructure-based...

11/3,K/73 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04155183 Supplier Number: 54461197 (USE FORMAT 7 FOR FULLTEXT)
EDS: New EDS offering moves businesses toward tight Web of security.
M2 Presswire, pNA
April 22, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 652

... need to focus on their core business and extend their enterprise - without worries about privacy, **confidentiality** , or protecting their **data** ," he adds.
EBSS can help **clients** maintain information and transaction integrity as they enter into mature **electronic** business markets. Critical **transactions** , such as wire transfers and sensitive information relating to health care or supply chains, are...

11/3,K/74 (Item 10 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04015478 Supplier Number: 53217401 (USE FORMAT 7 FOR FULLTEXT)
-FORTNUM AND MASON: New site design & functionality.
M2 Presswire, pNA
Nov 13, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 484

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Ordering Security The site incorporates the highest levels of software security to ensure that ordering **information** remains **confidential** to the site **user** and Fortnum & Mason. The secure **on line ordering** pages are encrypted making it virtually impossible for a third party to view the files...

11/3,K/75 (Item 11 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03968389 Supplier Number: 53003185 (USE FORMAT 7 FOR FULLTEXT)
FOURTH SHIFT: Fourth Shift releases WebPartner application three months ahead of schedule.
M2 Presswire, pNA
August 20, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade

Word Count: 575

... conform to a company's graphic standards.
WebPartner provides several security precautions to protect the **confidentiality** of **customer data** and prevent data from being modified. In **order** to access **WebPartner** , users must have an access key. Access is denied to any individual who tries to...

11/3,K/76 (Item 12 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03937073 Supplier Number: 50221349 (USE FORMAT 7 FOR FULLTEXT)
-FROST & SULLIVAN: Search continues for a leader in the US encryption application market
M2 Presswire, pN/A
August 5, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 633

RDATE:040898
Mountain View, California -- Go ahead; shop online, make travel reservations, send highly **confidential information** via e-mail to **clients** . As **electronic** commerce **transactions** continue to increase, so has the demand for reliable and safe products from network security...

11/3,K/77 (Item 13 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03907097 Supplier Number: 50103378 (USE FORMAT 7 FOR FULLTEXT)
NETWORK ASSOCIATES: Network Associates and VeriSign partner
M2 Presswire, pN/A
June 23, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 833

... certificate technologies will enable businesses to utilize their choice of certificate formats while conducting secure **Internet transactions** such as: exchanging secure e-mail, establishing virtual private networks, and authorized access to **confidential** corporate **data** . Network Associates and VeriSign **customers** will now be able to establish combined PKI solutions covering the complete lifecycle of certificates...

11/3,K/78 (Item 14 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03836537 Supplier Number: 48333265 (USE FORMAT 7 FOR FULLTEXT)
QUALCOMM: Award-winning Eudora Pro Email expands its availability to popular electronic reseller
M2 Presswire, pN/A
March 3, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 728

... to give consumers a comprehensive selection of software designed to enhance the use of the **Internet** . Immediately following **purchase** , consumers are able to download products directly to their computers. All transactions are secure, and **customer information** is kept **confidential** .

"We are very pleased to be working with a leading software developer

such as QUALCOMM...

11/3,K/79 (Item 15 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03596431 Supplier Number: 47444992 (USE FORMAT 7 FOR FULLTEXT)
GTE, AMERICAN EXPRESS TEST SET
Telecommunications Alert, v14, n110, pN/A
June 5, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 81

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...ExpressIDs, issued through American Express Certificate Management Service, contain information about the cardmember and online **merchants** . This new technology protects **confidential information** sent online and verifies the identity of those parties involved in an **electronic transaction** . American Express plans to make ExpressIDs available late in the fourth quarter of 1997. -- Newsbytes...

11/3,K/80 (Item 16 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03100584 Supplier Number: 46340907 (USE FORMAT 7 FOR FULLTEXT)
COMPANY FINDS PARTING WITH FIRM NOT SWEET SORROW Sensormatic's former firm leads attack of short sellers
PR News, v52, n18, pN/A
April 29, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 768

... company and its operations raises the question as to whether Mr. Factor disclosed proprietary or **trade secret information** to the **network** of short **sellers** . In the Journal article and in a conversation with PR NEWS, he said he divulged...

11/3,K/81 (Item 17 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03049455 Supplier Number: 46228336 (USE FORMAT 7 FOR FULLTEXT)
CONTRACT BITS: HOT SIGNS GERMAN AUTO NETWORK DEAL
Telecomworldwire, pN/A
March 18, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 112

... with the HOTStar VSAT service, covering over 1,000 sites throughout Europe. Separately DAT has **ordered** a **network** of nearly 2,000 DirecPC terminals for installation over the next two years for closed- **user** catalogue and **information** delivery. Terms were **not revealed** .
COPYRIGHT 1996 M2 Communications

11/3,K/82 (Item 18 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03047927 Supplier Number: 46224760 (USE FORMAT 7 FOR FULLTEXT)

You Deserve A Break Today JUDGE KOS CYLINK'S BID TO KILL RSA'S LICENSE BIZ
Crypto firm can keep plying wares
Information Law Alert: A Voorhees Report, v4, n4, pN/A
March 15, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1024

... private key technology that preceded it, public-key cryptography provides great flexibility and power for **parties** to exchange **confidential information** -say, credit card numbers. It is highly suited for **online ordering** of goods and services because the buyer and seller don't have to meet in...

11/3,K/83 (Item 19 from file: 636)
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02366971 Supplier Number: 44655271 (USE FORMAT 7 FOR FULLTEXT)
WIRELESS NETWORKS NEED SECURITY TOO
Open Systems Communication, n174, pN/A
May 4, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 187

Many companies equip sales forces with cellular modems and these sales reps daily send **confidential information** about bids, inventory, and **customer** prospects over wireless networks.

Additionally, many companies use cellular **networks** to place **orders** with suppliers and to submit invoices to clients.

Realizing that a lack of a secure...